

# **GUIA SIMPLIFICADO PARA BUSCAS EM BASES DE PATENTE GRATUITAS**

## **Módulo 3: Espacenet – Busca Internacional no Escritório Europeu de Patentes**

Diretoria de Patentes, Programas de computador e Topografia de Circuitos Integrados (DIRPA)

Coordenação Geral de Estudos, Projetos e Disseminação da Informação Tecnológica (CEPIT)

Divisão de Estudos e Projetos (DIESP)

# *Sumário*

## **Módulo 3:**

**Espacenet - busca internacional no  
Escritório Europeu de Patentes**

**Considerações finais e dicas**



## **Módulo 3: Espacenet – Busca Internacional no Escritório Europeu de Patentes**

O Espacenet é a base de dados do Escritório Europeu de Patentes (EPO), com documentos de mais de 90 países, e encontra-se em [worldwide.espacenet.com](http://worldwide.espacenet.com).

Para acessar a opção de uma busca mais completa, selecione “Advanced search”, no link indicado abaixo.



The screenshot displays the Espacenet Patent search website. The header includes the European Patent Office logo and name in multiple languages, along with language selection options (Deutsch, English, Français) and a 'Contact' link. A 'Change country' dropdown is also present. The main navigation bar features links for 'About Espacenet', 'Other EPO online services', and a search bar. Below this, a sidebar on the left contains links for 'Smart search', 'Advanced search' (highlighted with a red box and a red arrow), and 'Classification search'. The main content area features a headline: 'Espacenet: free access to the database of over 80 million patents'. Below this is a search bar with the text 'Smart search: [i]' and a search button. A sidebar on the left contains sections for 'Maintenance news', 'Scheduled maintenance' (with a feed icon), 'News flashes', 'Latest updates', and 'Related links'. The main content area also features a headline: 'The EPO will recruit 200 engineers and scientists in 2014' and a photograph of two men working at a computer. A link 'Apply now for our Summer Selection Events' is visible at the bottom of the main content area.

[worldwide.espacenet.com](http://worldwide.espacenet.com)

Selecione inicialmente a base de dados *Worldwide*, para ter acesso a documentos de mais de 90 países.

A busca deve ser feita com palavras-chave em inglês.

Os operadores “AND” e “OR”, assim como os operadores de truncagem (\*, ?, #), são os mesmos da base Latipat.

Use até 10 palavras por campo.

## Advanced search

Select the collection you want to search in

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Enter your search terms - CTRL-ENTER expands the field you are in

Enter keywords in English

Title:  plastic and bicycle

Title or abstract:  hair

Enter numbers with or without country code

Publication number:  WO2008014520

Application number:  DE19971031696

Priority number:  WO1995US15925

Enter one or more dates or date ranges

Publication date:  yyyyymmdd

Enter name of one or more persons/organisations

Applicant(s):  Institut Pasteur

Inventor(s):  Smith

Enter one or more classification symbols

CPC

IPC  H03M1/12

Continuando a busca pela “cadeira de rodas motorizada”, foram empregados parênteses para separar combinações e sinônimos das palavras-chave, em inglês:

Keyword(s) in title: **i** plastic and bicycle

Keyword(s) in title or abstract: **i** hair

→ (wheelchair? or (chair\* and wheel?)) and motor\*

Publication number: **i** WO2008014520

Application number: **i** DE19971031696

Priority number: **i** WO1995US15925

Publication date: **i** yyymmdd

Applicant(s): **i** Institut Pasteur

Inventor(s): **i** Smith

European Classification (ECLA): **i** F03G7/10

International Patent Classification (IPC): **i** H03M1/12

Clique em “search”

Clear

Search

O resultado é uma lista de documentos com títulos em inglês.

Somente os primeiros 500 resultados são apresentados.

Uma forma de obter todos os documentos é dividir a busca por períodos de tempo, especificando, por exemplo, os anos em que esses pedidos foram publicados.

## Result list

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Approximately 3,728 results found in the Worldwide database for:  
(wheelchair? or (chair\* and wheel?)) and motor\* in the title or abstract  
Only the first 500 results are displayed.

1 ▶

Results are sorted by date of upload in database

### ☐ 1. OBSTACLE TRAVERSING **WHEEL CHAIR**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
GOERTZEN GEROLD [US] NULL WILLIAM A [US]	IINVACARE CORP [US]	<a href="#">A61G2005/1078</a> <a href="#">A61G2005/1089</a> <a href="#">A61G2005/128</a> (+10)	A61G5/04 A61G5/06 B62B5/02 (+2)	US2014138170 (A1) 2014-05-22	2000-10-27

### ☐ 2. **MOTORIZED** LIFTING DEVICE FOR **WHEEL CHAIR**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
JUN YOO MAN [KR]	DASUNG TECHNOLOGY CO LTD [KR]		A61G3/02 B66F7/06	KR101372262 (B1) 2014-03-10	2012-10-26

### ☐ 3. **mobile centre of testing technical state of wheel** transport vehicles

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
DEMYD MARIA MYKOLAIVNA [UA]	DEMYD MARIA MYKOLAIVNA [UA]		B60R11/00 B60R99/00	UA41603 (U) 2009-05-25	2009-01-30

### ☐ 4. **AUTOMATIC RETRACTABLE LOADING/UNLOADING RAMP**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
CRUZ RAMOS MARCO POLO [MX] GORDILLO MOSCOSO JOSÉ LUIS [MX] (+2)	INST TECNOLÓGICO Y DE ESTUDIOS SUPERIORES DE MONTEREY [MX]		A61G3/06 B60P1/43 B65G69/28	WO2014069976 (A1) 2014-05-08	2012-11-01

### ☐ 5. **GENERATOR OF DIRECTIONAL THRUST FOR MOVING VEHICLES AND/OR OBJECTS IN GENERAL USING CENTRIFUGAL FORCE**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
OSWALDO STOPPA JUNIOR [BR] STOPPA OSWALDO [BR] (+3)	OSWALDO STOPPA JUNIOR [BR] STOPPA OSWALDO [BR] (+3)		F03G3/00 F03G3/02	WO2014066960 (A1) 2014-05-08	2012-11-05

### ☐ 6. **Device enabling an electric wheel chair to cross obstacles**

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
OHRUH MICHEL	NEW LIVE	<a href="#">A61G2005/1078</a> <a href="#">A61G2005/1089</a> <a href="#">A61G5/046</a> (+2)	A61G5/04 B62D55/075 B62D61/10	NZ601620 (A) 2014-02-28	2010-02-05

### ☐ 7. **POWER WHEEL CHAIR WITH GUARD FOR PLAYING SPORTS**

A busca também pode ser mais precisa usando a classificação (campo “IPC”), combinada com as palavras-chave no título ou no resumo.

Como esta classificação é própria para cadeiras e carrinhos de rodas a motor, “motor\*” não foi incluída na busca.

Title or abstract:  wheelchair? or (chair\* and wheel?) hair

Enter numbers with or without country code

Publication number:  WO2008014520

Application number:  DE19971031696

Priority number:  WO1995US15925

Enter one or more dates or date ranges

Publication date:  yyyyymmdd

Enter name of one or more persons/organisations

Applicant(s):  Institut Pasteur

Inventor(s):  Smith

Enter one or more classification symbols

CPC

IPC  A61G5/04 A61G5/04 (sem espaços entre os caracteres)  H03M1/12

Clique em “Search” →



Approximately 3,897 results found in the Worldwide database for:  
**wheelchair?** or (**chair\*** and **wheel?**) in the title or abstract AND **A61G5/04** as the IPC classification  
 Only the first 500 results are displayed.

1 ▶

Results are sorted by date of upload in database

☐ 1. **ANTI-TIP SYSTEM FOR A POWER WHEEL CHAIR**

★	<b>Inventor:</b> MULHERN JAMES P [US] LEVI RONALD [US] (+1)	<b>Applicant:</b> PRIDE MOBILITY PRODUCTS CORP [US]	<b>CPC:</b> <a href="#">A61G2005/1078</a> <a href="#">A61G2005/1089</a> <a href="#">A61G5/042</a> (+6)	<b>IPC:</b> <a href="#">A61G5/04</a> A61G5/06 B60R21/00 (+1)	<b>Publication info:</b> US2015173985 (A1) 2015-06-25	<b>Priority date:</b> 2003-10-08
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☐ 2. **Foldable electric wheel chair**

★	<b>Inventor:</b> GAO ZI GUI [US]	<b>Applicant:</b> GAO ZI GUI [US] KD HEALTH CARE CO USA INC [US]	<b>CPC:</b> <a href="#">A61G2005/0833</a> <a href="#">A61G2005/085</a> <a href="#">A61G2005/0866</a> (+4)	<b>IPC:</b> <a href="#">A61G5/04</a> A61G5/08 B60K1/04 (+1)	<b>Publication info:</b> US9060909 (B1) 2015-06-23	<b>Priority date:</b> 2014-08-05
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☐ 3. **POWER ADD-ON DEVICE FOR MANUAL WHEEL CHAIR**

★	<b>Inventor:</b> TALLINO PATRICK [US]	<b>Applicant:</b> TALLINO PATRICK [US]	<b>CPC:</b> <a href="#">A61G2005/1054</a> <a href="#">A61G2203/14</a> <a href="#">A61G5/04</a> (+3)	<b>IPC:</b> <a href="#">A61G5/04</a>	<b>Publication info:</b> US2015164718 (A1) 2015-06-18	<b>Priority date:</b> 2009-05-27
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☐ 4. **SELF OPERABLE WHEEL CHAIR**

★	<b>Inventor:</b> LEE TUN-CHI [TW]	<b>Applicant:</b> MEDICRAFT HOLDINGS TAIWAN CO LTD [TW]	<b>CPC:</b> <a href="#">A61G2005/125</a> <a href="#">A61G2005/127</a> <a href="#">A61G5/041</a> (+4)	<b>IPC:</b> <a href="#">A61G5/04</a> A61G5/10 A61G5/12 (+1)	<b>Publication info:</b> US2015164717 (A1) 2015-06-18	<b>Priority date:</b> 2013-12-12
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☐ 5. **WHEEL CHAIR WITH CHANGEABLE BASE**

★	<b>Inventor:</b> WIAK SLAWOMIR JAN [PL] PYCH TOMASZ ALEKSANDER [PL]	<b>Applicant:</b> FEDERAL NOE G BJUDZHETNOE OBRAZOVATEL NOE UCHREZHDENIE VYSSHEGO PROFESSIONAL NOGO OBRAZOVANIJA NOVGO [RU]	<b>CPC:</b>	<b>IPC:</b> <a href="#">A61G5/04</a> A61G5/06	<b>Publication info:</b> RU2542557 (C1) 2015-02-20	<b>Priority date:</b> 2013-10-22
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☐ 6. **WHEEL CHAIR SEAT ASSEMBLY**

★	<b>Inventor:</b> LOEWENTHAL HOWARD [US] MOHAN TRAIAN [US]	<b>Applicant:</b> INVACARE CORP [US]	<b>CPC:</b> <a href="#">A61G2005/085</a> <a href="#">A61G2005/0866</a> <a href="#">A61G2005/0883</a> (+15)	<b>IPC:</b> <a href="#">A61G5/04</a> A61G5/08 A61G5/10	<b>Publication info:</b> US2015157518 (A1) 2015-06-11	<b>Priority date:</b> 2010-03-16
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A lista de resultados é muito extensa, pois existem muitos inventos relacionados a cadeiras de rodas motorizadas.

Ao se detalhar mais o assunto de busca, os resultados são mais específicos.

Por exemplo, a busca pode ser feita para uma cadeira de rodas motorizada com massagem, para evitar a formação de escaras no usuário.

Foi incluído portanto o termo “massag\*” para “massage”, “massaging”, etc.

Clique em “Search”

Title or abstract:  hair

wheelchair? or (chair\* and wheel?) and massag\*

Enter numbers with or without country code

Publication number:  WO2008014520

Application number:  DE19971031696

Priority number:  WO1995US15925

Enter one or more dates or date ranges

Publication date:  yyyyymmdd

Enter name of one or more persons/organisations

Applicant(s):  Institut Pasteur

Inventor(s):  Smith

Enter one or more classification symbols

CPC

IPC  H03M1/12

A61G5/04

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wheelchair? or (chair\* and wheel?) and massag\* in the title or abstract AND A61G5/04 as the IPC classification

Sort by

Sort order

☐ 1. Electric rehabilitation **wheel chair** with standing and sitting assisting function



Inventor:  
ZHANG LIXUN  
QIN TAO  
(+1)

Applicant:  
UNIV HARBIN ENG

CPC: IPC:  
A61G5/04  
A61G5/14  
A61H1/02  
(+1)

Publication info:  
CN204170008 (U)  
2015-02-25

Priority date:  
2014-09-26

☐ 2. Medical **wheel chair**



Inventor:  
LEI ZHEN

Applicant:  
SHAANXI YIFU BEAUTY THERAPY  
TECHNOLOGY CO LTD

CPC: IPC:  
A61G5/04  
A61G5/10  
A61H23/02

Publication info:  
CN104337630 (A)  
2015-02-11

Priority date:  
2013-08-09

☐ 3. Massage **wheel chair**



Inventor:  
WANG YUN

Applicant:  
WANG YUN

CPC: IPC:  
A61G5/00  
A61G5/04  
A61G5/10  
(+2)

Publication info:  
CN204106380 (U)  
2015-01-21

Priority date:  
2014-10-11

☐ 4. Electrical rehabilitation **wheel chair** with sit-up function



Inventor:  
ZHANG LIXUN  
QIN TAO  
(+1)

Applicant:  
UNIV HARBIN ENG

CPC: IPC:  
A61G5/04  
A61G5/14  
A61H1/02  
(+1)

Publication info:  
CN104224463 (A)  
2014-12-24

Priority date:  
2014-09-26

☐ 5. Multi-functional **wheel chair**



Inventor:  
HE GANG

Applicant:  
HE GANG

CPC: IPC:  
A61G5/04  
A61H1/00

Publication info:  
CN203598136 (U)  
2014-05-21

Priority date:  
2013-12-04

Obtêm-se, desta forma, os dados bibliográficos e o resumo do documento selecionado.

Para visualizar o documento completo, clique em “Original document”.



**CN204106380 (U)**

**Bibliographic data**

Description

Claims

Mosaics

**Original document**

Cited documents

Citing documents

INPADOC legal status

INPADOC patent family

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**Bibliographic data: CN204106380 (U) — 2015-01-21**

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**Message wheelchair**

Page bookmark    [CN204106380 \(U\) - Massage wheelchair](#)

Inventor(s):    WANG YUN ±

Applicant(s):    WANG YUN ±

Classification:    - international: **A61G5/00; A61G5/04; A61G5/10; A61H1/00; A61H15/00**  
- cooperative:

Application number: CN20142586951U 20141011

Priority number(s): CN20142586951U 20141011

**Abstract of CN204106380 (U)**

Translate this text into    powered by EPO and Google

The utility model discloses a massage wheelchair, which comprises a wheelchair body device, a motor drive unit, a motor control device, an infusion support device and a nursing massage device, wherein the wheelchair body device comprises a seat, a footboard, a nursing personnel stopping board and push handles; the motor drive unit comprises a battery, a motor, a motor gear, a transmission chain, an axle shaft gear and a drive wheel; the motor control device comprises a controller and a control handle; the infusion support device comprises supporting tubes, springs, fixture blocks and hooks; the nursing massage device comprises a fixed gear, a traveling gear, a massage ball, a center rod and a massage motor. The massage wheelchair is simple to control; the wheelchair is driven to move by the motor, and massage nursing on the back can be finished as long as a patient sits in the wheelchair; nursing personnel can stand on the nursing personnel stopping board and move together along with the wheelchair.

Para ler o documento página a página,  
clique nas setas abaixo.

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já foram vistos na  
Parte 2.

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idioma chinês.  
É possível obter uma  
tradução por máquina.

CN204106380 (U)

Bibliographic data

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Original document: CN204106380 (U) — 2015-01-21

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Massage wheelchair

Page 1/7 Abstract Bibliography

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(19) 中华人民共和国国家知识产权局

(12) 实用新型专利

(10) 授权公告号 CN 204106380 U

(45) 授权公告日 2015.01.21

(21) 申请号 201420586951.7

(22) 申请日 2014.10.11

(73) 专利权人 王芸

地址 250200 山东省济南市章丘市明水镇汇泉路 308 号章丘市人民医院

(72) 发明人 王芸

(51) Int. Cl.

A61G 5/04 (2013.01)

A61G 5/00 (2006.01)

A61G 5/10 (2006.01)

A61H 1/00 (2006.01)

A61H 15/00 (2006.01)

权利要求书1页 说明书3页 附图2页

(54) 实用新型名称

一种按摩轮椅

(57) 摘要

本实用新型公开了一种按摩轮椅,包括轮椅本体装置、电机驱动装置、控制装置、输液架装置、护理按摩装置。所述轮椅本体装置包括座椅、踏板、陪护人站板、推动手柄。所述电机驱动装置包括电池、电机、电机齿轮、传动链条、驱动轮齿轮、驱动轮;所述电机控制装置包括控制器、控制手柄;所述输液架装置包括支撑管、弹簧、卡块、挂钩;护理按摩装置包括固定齿轮、移动齿轮、按摩球、中心杆、按摩电机。本实用新型装置操作简单,通过电机驱动轮椅移动,病人坐在轮椅上即可完



Clique em  
“Description”



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Description
Claims
Mosaics
Original document
Cited documents

## Original document: CN204106380 (U) — 2015-01-21

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### Message wheelchair

Page 1/7 Abstract Bibliography   Maximise

Se a descrição (relatório descritivo) estiver disponível, será apresentada na tela, no idioma original.

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CN204106380 (U)
Bibliographic data
Description
Claims
Mosaics
Original document
Cited documents
Citing documents
INPADOC legal status
INPADOC patent family

## Description: CN204106380 (U) — 2015-01-21

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### Message wheelchair

#### Description of CN204106380 (U)

Translate this text into ⓘ

English



patenttranslate powered by EPO and Google

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[0001] 技术领域

[0002] 本实用新型涉及一种护理装置，具体说是一种按摩轮椅。

Quick help —

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- [What happens if I click on "In my](#)



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## Notice

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## DESCRIPTION CN204106380

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[0001]

Technical Field

[0002]

The utility model relates to a care unit, in particular to a massage chair.

[0003]

Background technique

[0004]

Most currently available wheelchair wheels driven by human pushing the wheelchair forward, the patient's physical exertion, the patient long-term against the wheelchair back, easily lead to a blood clot and sore back, no infusion device in a wheelchair, when the patient needs transfusion exist inconvenience.

## RESUMO: Tabela comparativa entre as bases gratuitas de busca de patentes

Bases gratuitas de patentes	Abrangência	Idioma das palavras-chave	Número de termos por campo	Operadores lógicos	Operadores de truncagem
INPI	Apenas documentos depositados no Brasil	Português	Indeterminado (o tempo de resposta aumenta com o número de termos usados)	“AND” “OR” “AND NOT”	*
LATIPAT	Documentos depositados em países da América Latina e na Espanha (20 países)	Português e Espanhol	Até 4	“AND” “OR” “NOT”	* ? #
ESPACENET	Mais de 90 países	Preferencialmente Inglês	Até 10	“AND” “OR” “NOT”	* ? #



## Considerações Finais e Dicas

- As bases de dados descritas apresentam campos de busca similares, assim como caracteres de truncagem (\*) e operadores lógicos (AND e OR).
- O operador lógico “AND” deve ser utilizado para combinar características e o “OR” para sinônimos.
- Os operadores “AND NOT” e “NOT”, constantes da tabela anterior, devem ser usados com extrema cautela e por este motivo não estão sendo introduzidos neste guia básico.
- Nas bases em que se utiliza apenas \* como caracter de truncagem, deve-se observar qual a real necessidade de utilizá-lo e a melhor forma.

## Considerações Finais e Dicas

- A truncagem utilizando \* deve ser usada de forma inteligente, pois pode trazer resultados indesejados. Exemplo: para uma busca na área de telefonia, a expressão “telef\*” trará documentos relativos a teleféricos.

Por exemplo, se o objetivo for recuperar termos relacionados a mosquitos e mosquiteiros, com terminações de tamanhos diferentes, numa busca em português no Latipat, algumas opções seriam:

- a)mosquito, mosquitos, mosquiteiro → usar mosquit\*;
- b)para plural ou singular → usar ? no final: mosquito? (mosquito ou mosquitos) ;
- c)para masculino ou feminino → usar # no final: mosquiteir# (mosquiteiro ou mosquiteira)

## Considerações Finais e Dicas

- A relação completa de códigos dos países pode ser encontrada em [www.wipo.int/standards/en/pdf/03-03-01.pdf](http://www.wipo.int/standards/en/pdf/03-03-01.pdf). Exemplos:

BR- Brasil

CN- China

US – Estados Unidos

JP- Japão

KR- Coreia do Sul

CA- Canadá

IN- Índia

DE- Alemanha

RU- Rússia

Existem códigos que representam organizações, como EP, que representa o Escritório Europeu de Patentes.

**OBS:** As buscas apresentadas nos exemplos foram realizadas em junho de 2015. Buscas realizadas em datas posteriores irão recuperar documentos não publicados àquela época, portanto a lista de resultados será diferente.



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Projetos e Disseminação de  
Informação Tecnológica***

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