CERTIFICATE NO.4177391

Certicicate of Invention Patent

Invention Name: The invention discloses a high performance ionic interm ediate membrane and a preparation method thereof

Inventor: Yang zhitao;Yu Bo;Qian Yuying;Liu Hao

Patent No.: ZL 201810493184.8

Issue Date: May 21,2018

Patentee: Guangzhou Huaxinke Industry Co.,Ltd

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Date of Authorization Proclamation:December 29,2020 **No.of Authorization Proclamation**:CN 108587022 B

The State Intellectual Property Office shall, after examination by the Patent Law of the People's Republic of China, decide to grant a patent right, issue a patent certificate for the and register it in the patent register. The patent right shall take effect as of the date of the announcement of authorization. The term of patent right shall be twenty years, counted from the date of filing.

The patent certificate records the legal status of the patent right at the time of registration. The transfer, pledge, invalidation, termination and restoration of the patent right and the change of the name, nationality and address of the patentee are recorded in the patent register.

Director General

Shen Changyu

December 29,2020

Other matters refer to the continuation page

CERTIFICATE NO.4177391

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The information of the applicant and inventor recorded in this patent at the date of filing is as follows:

Guangzhou Huaxinke Industry Co.,Ltd

Inventor:

Yang zhitao;Yu Bo;Qian Yuying;Liu Hao

China National Intellectural Property Administration

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Date of Posting:

November 25, 2021

Room 4501, No. 6, Zhujiang East Road, Tianhe District, Guangzhou (Location: Self-edited units 01-03 and 08-12)
(Office use only) Guangzhou Huajin United Patent and Trademark Agency Co., LTD
Qian Ranran(020-87323188)

Application No. or patent No.: 201810493184.8 Issue No.: 2021112201288410

Applicant or patentee: Guangzhou Huaxinke Industry Co.,Ltd, Dongguan Qunan Plastic Industry Co.,Ltd

Invention Name: The invention discloses a high performance ionic intermediate membrane and a preparation method thereof

Notice of Compliance with Procedures

For the above patent application or patent, the applicant or patentee submitted a request to change the description item on November 15, 2021, and after examination, it is in accordance with the relevant provisions of the Patent Law and its implementing rules, and the change is hereby notified as follows:

Alteration item: Patentee

Before the change:

The 1st patentee
Whether the patentee represents: Yes
Name of the patentee: Guangzhou Huaxinke Industry Co., LTD
Country of patentee: China
The patentee's postal code is 510000
Address of patentee: 2nd Floor, Building (1), No.19 Shenzhou Road, Guangzhou Economic and Technological Development Zone, Guangzhou, Guangdong, China

After the change:

The 1st patentee
Whether the patentee represents: Yes
Name of the patentee: Guangzhou Huaxinke Industry Co., LTD
Country of patentee: China
The patentee's postal code is 510000
Address of patentee: 2nd Floor, Building (1), No.19 Shenzhou Road, Guangzhou Economic and Technological Development Zone, Guangzhou, Guangdong, China

The 2nd patentee
Whether the patentee is represented: No
Name of the patentee: Dongguan Qunan Plastic Industrial Co., LTD.
Patentee Country: China
The patentee's postal code is 523000

For paper application, please send return letter to: Acceptance Office, Patent Office, State Intellectual Property Office, No.6 West Tucheng Road, Jimenqiao, Haidian District, Beijing 100088, China
For electronic applications, relevant documents shall be submitted in the form of electronic documents through the electronic patent application system. Unless otherwise specified, documents submitted in other forms, such as paper, shall be deemed unsubmitted.

Address of patentee: Hengxi Road, Kapok Industrial Zone, Dongshan Village, Qishi Town, Dongguan City, Guangdong Province
Patentee Type: Industrial and mining enterprise
The patentee's certificate number: 91441900MA4UJN7F5C
Province of patentee: Guangdong Province
City of patent holder: Dongguan City

Change item: Agency change
Before change:

Agency name: Guangzhou Sino Patent Agent Co., LTD.
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The first agent's license number: 4420212511.8
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Name of the second agent: Hao Chuanxin
Second agent License No. : 4420207237.3

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The application has been granted notice, and this change is published in the Patent Gazette of Volume 37, Issue 5001, 07 December 2021. The current case status of the patent application or patent is: Patent maintained

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Examiner: He Chaoqun

Examination department: Preliminary examination and Process Management Department of the Patent Office

Contcet Nomber: 010-62085131

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