

证书号第 5680678 号



# 发明专利证书

发明名称：借助聚合作用由交酯混合物制造聚丙交酯(PLA)的方法和设备

发明人：莱因哈德·科赫;D·贝特尔;J·米勒

专利号：ZL 2020 8 0007480.8

专利申请日：2020年02月18日

专利权人：莱因哈德·科赫

地址：德国格勒迪茨

授权公告日：2023年01月03日

授权公告号：CN 113260493 B

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第 1 页 (共 2 页)

其他事项参见续页

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申请日时本专利记载的申请人、发明人信息如下：

申请人：

莱因哈德·科赫

发明人：

莱因哈德·科赫；D·贝特尔；J·米勒

Cert. No. 5680678  
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## **CERTIFICATE OF PATENT FOR INVENTION**

Title of the Invention: METHOD AND FACILITY FOR PRODUCING POLYLACTIDE (PLA) FROM A LACTIDE MIXTURE BY MEANS OF POLYMERIZATION

Inventor(s): KOCH, REINHARD, BERTHEL, DIRK, MÜLLER, JOACHIM

Patent No.: ZL202080007480.8

Date of Filing: February 18, 2020

Patentee(s): KOCH, REINHARD

Date of Announcement of Grant: January 03, 2023

Patent Publication No.: CN113260493B

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After examination under the Patent Law of the People's Republic of China, this Office has made a decision to grant the patent right, issue the patent certificate and record the same in the Patent Register. The patent right shall take effect as of the date of the announcement of the grant.

The duration of the patent right in respect of this patent is 20 years, counted from the date of filing.

This patent certificate records the legal status of the patent right at the time of registration. Any assignment, pledge, invalidation, cessation, restoration of the patent right, and any change of the patentee's name, nationality, and address occurring thereafter shall be recorded in the Patent Register.

The patentee shall pay the annual fees in accordance with the provisions of the Patent Law and its Implementing Regulations. Annual fees for this patent shall be paid before every February 18 till patent term expires. Where the annual fees is not paid as prescribed, the patent right shall lapse from the expiration of the time limit within which the annual fee should be paid.

Commissioner: SHEN Changyu (signature)

CHINA NATIONAL INTELLECTUAL PROPERTY ADMINISTRATION(SEAL)

Dipl.-Ing. (FH) Peter Pätzelt, Dresden  
Dipl.-Ing. (FH) Reinhard Seltmann, Kolkwitz (bis 12/18)  
Dipl.-Ing. (TH) Klaus Hofmann, Dresden

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Ihr Zeichen

Unser Zeichen  
P 430-CN

Dresden, 6. Januar 2023

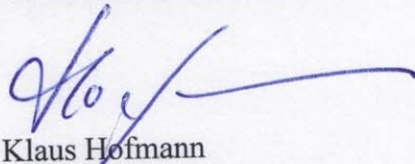
Nationales Patent in China  
auf der Grundlage der PCT/DE2020/100113  
Titel: Verfahren und Anlage zur Herstellung von Polylactid (PLA) aus einer ...  
CN- Patent-Nr.: ZL202080007480.8  
Veröffentlichungs-Nr.: CN113260493B

Sehr geehrter Herr Koch,

mit Bezug auf unser Schreiben vom 05.12.2022 freue ich mich, Ihnen als Anlage die Erteilungs-  
urkunde, ausgestellt durch das chinesische Patentamt, überreichen zu können.

Die Erteilungsgebühr und die 4. Jahresgebühr wurden vom chinesischen Korrespondenzanwalt  
rechtzeitig eingezahlt. Die nächste fällige Jahresgebühr ist die 5. Jahresgebühr, die bis spätestens  
zum 18.02.2024 beim chinesischen Patentamt eingezahlt werden muss. Wir werden rechtzeitig  
daran erinnern.

Mit freundlichen Grüßen



Klaus Hofmann

Anlagen

- Erteilungsurkunde
- Schreiben des Korrespondenzanwaltes vom 06.01.2023

**Von:** 宋笑谦 <songxq@ccpit-patent.com.cn>  
**Gesendet:** Freitag, 6. Januar 2023 11:57  
**An:** DRESDEN-PATENT@T-ONLINE.DE; HOFMANN-RADEBERG@WEB.DE  
**Betreff:** Your Ref: PCT/DE2020/100113; Our Ref: IIM211434; CN Application No. 202080007480.8; Patent Certificate of Chinese Patent Application No. 202080007480.8  
**Anlagen:** PCT\_DE2020\_100113\_IIM211434\_E-CERT.pdf; PCT\_DE2020\_100113\_IIM211434\_En-trans-CERT.pdf

**Your Ref: PCT/DE2020/100113**

**Our Ref: IIM211434**

**Re: Chinese Application for Invention No. 202080007480.8**

**In the name of KOCH, REINHARD**

**Title: METHOD AND FACILITY FOR PRODUCING POLYLACTIDE (PLA) FROM A LACTIDE MIXTURE BY MEANS OF POLYMERIZATION**

Dear Colleagues:

We are pleased to inform you that the Patent Certificate was issued on January 03, 2023 for the captioned patent. The patent right for this invention shall take effect as of January 03, 2023.

The patentee is entitled to mark the Patent No. ZL202080007480.8 on its patented products. The duration of the patent right is 20 years from the filing date of February 18, 2020, subject to the payment of the subsequent annuities.

Please note the following particulars:

We would like to inform you that a rule related to PTA (patent term adjustment) has become effective since June 1, 2021. Where a patent for invention is granted after four years from the date of filing and after three years from the date of requesting substantive examination, the patentee may request for PTA to compensate for the unreasonable delay caused by the patent office. After checking our files, please kindly be informed that this patent does not meet the requirements of PTA under the new practice.

For your ease of reference, we have concluded the following data table regarding this patent:

Your Ref.:	PCT/DE2020/100113
Our Ref.:	IIM211434
Patentee:	KOCH, REINHARD
Patent for:	Invention Patent
Title:	METHOD AND FACILITY FOR PRODUCING POLYLACTIDE (PLA) FROM A LACTIDE MIXTURE BY MEANS OF POLYMERIZATION
Filing Date:	February 18, 2020
Priority Claimed:	DE 102019105335.8 of March 04, 2019;
Application No.:	202080007480.8
Patent No.:	ZL202080007480.8
Issue/Grant Date:	January 03, 2023
Patent Publication No.:	CN113260493B
Patent Term:	February 18, 2020 - February 17, 2040
Annuity Paid:	4 <sup>th</sup>
Next Annuity Due:	February 18, 2024

➤ Annuities

The 5<sup>th</sup> annuity will be due on February 18, 2024 and the estimated total amount is CNY 1740.00 (about USD 252.61).

If you have entrusted an annuity vendor, please kindly let us know and we will cease monitoring and reminding of the annuity payments for the captioned patent.

We are herewith enclosing the following documents for your records:

✧ The original electronic patent certificate (\* the patent certificate is issued only in electronic form by CNIPA as of March 3, 2020)

✧ The English translation of the patent certificate

Should you have any questions or need further information, please do not hesitate to contact us.

Please kindly acknowledge receipt of this letter.

Sincerely yours,

Yan Na  
Patent Attorney  
Mechanical Patent and Design Department



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