

Title (en)  
METHOD FOR PRODUCING POLYIMIDES

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON POLYIMIDEN

Title (fr)  
PROCÉDÉ DE PRODUCTION DE POLYIMIDES

Publication  
**EP 3500617 A1 20190626 (DE)**

Application  
**EP 17777150 A 20170821**

Priority  
• AT 3832016 A 20160819  
• AT 2017000058 W 20170821

Abstract (en)  
[origin: WO2018032023A1] The invention relates to a method for producing polyimides by the polycondensation of previously produced stoichiometric salts from polycarboxylic acids or their polyanhydrides and polyamines, by heating the salts for dehydration, the method being characterised in that: a) an aqueous solution of a water-soluble stoichiometric salt is produced from polycarboxylic acid and polyamine; b) the aqueous solution undergoes a processing step; and c) the salt contained in the solution is simultaneously or subsequently polycondensed, by means of heating, to form a polyimide.

IPC 8 full level  
**C08G 73/10** (2006.01)

CPC (source: AT EP US)  
**B29C 43/003** (2013.01 - US); **B29C 48/022** (2019.01 - US); **C07C 55/24** (2013.01 - US); **C07C 65/34** (2013.01 - US); **C07C 211/63** (2013.01 - US); **C07D 307/24** (2013.01 - EP US); **C08G 73/10** (2013.01 - AT); **C08G 73/1032** (2013.01 - EP US); **C08G 73/1067** (2013.01 - US); **C08G 73/1078** (2013.01 - US); **C08G 73/1082** (2013.01 - US); **C08G 73/1085** (2013.01 - EP US); **C09D 179/08** (2013.01 - US); **D01F 6/74** (2013.01 - US); **B29K 2079/08** (2013.01 - US); **C08G 2101/00** (2013.01 - US); **C08G 2150/00** (2013.01 - US)

Citation (search report)  
See references of WO 2018032023A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018032023 A1 20180222**; AT 519038 A1 20180315; AT 519038 B1 20181115; EP 3500617 A1 20190626; US 2019177483 A1 20190613

DOCDB simple family (application)  
**AT 2017000058 W 20170821**; AT 3832016 A 20160819; EP 17777150 A 20170821; US 201716325759 A 20170821