

Title (en)

PROCESS FOR CRYSTALLISING AMORPHOUS PLASTIC GRANULATES

Title (de)

VERFAHREN ZUM KRISTALLISIEREN VON AMORPHEN KUNSTSTOFFGRANULATEN

Title (fr)

PROCEDE DE CRISTALLISATION DE GRANULES EN MATIERES PLASTIQUES AMORPHES

Publication

EP 1753589 A1 20070221 (DE)

Application

EP 05742979 A 20050513

Priority

- EP 2005052212 W 20050513
- DE 102004025800 A 20040526

Abstract (en)

[origin: WO2005115707A1] A process is disclosed for crystallising amorphous polymers whose Tg lies below the crystallite melting point. According to this process, amorphous or partially crystalline polymer grains are exposed in water for a period of at least 30 seconds to a temperature in the polymer crystallisation range.

IPC 8 full level

B29B 9/16 (2006.01); **C08G 63/06** (2006.01); **C08G 63/08** (2006.01); **C08G 63/88** (2006.01)

CPC (source: EP US)

B29B 9/16 (2013.01 - EP US); **C08G 63/08** (2013.01 - EP US); **C08G 63/88** (2013.01 - EP US); **B29B 2009/165** (2013.01 - EP); **B29K 2067/00** (2013.01 - EP US); **B29K 2067/046** (2013.01 - EP US); **B29K 2995/0039** (2013.01 - EP US); **B29K 2995/0041** (2013.01 - EP US)

Citation (search report)

See references of WO 2005115707A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005115707 A1 20051208; CN 1976786 A 20070606; CN 1976786 B 20111026; EP 1753589 A1 20070221; US 2007220712 A1 20070927; US 7771493 B2 20100810

DOCDB simple family (application)

EP 2005052212 W 20050513; CN 200580021497 A 20050513; EP 05742979 A 20050513; US 59768306 A 20061121