

Title (en)

GRANULATE AND METHOD AND DEVICE FOR THE PRODUCTION THEREOF

Title (de)

GRANULAT UND VERFAHREN UND VORRICHTUNG ZU SEINER HERSTELLUNG

Title (fr)

GRANULAT, ET PROCEDE ET DISPOSITIF POUR SA PRODUCTION

Publication

**EP 1128941 A1 20010905 (DE)**

Application

**EP 99963473 A 19991112**

Priority

- DE 19854015 A 19981112
- EP 9909741 W 19991112

Abstract (en)

[origin: WO0029183A1] The invention relates to a granulate and a method and a device for the production thereof. The aim of the invention is to provide a granulate on the basis of regenerative raw materials which is suitable as a material for injection molding and which is widely variable with respect to its mechanical and other physical properties due to the introduction of additives. The inventive method provides a means for producing the granulate without specifically pre-treating the plant parts used. A device is provided for carrying out the inventive method which device may consist of a pre-granulator and a final granulator or only of a pre-granulator. An especially clean-cut granulate can be obtained by the various configurations of the final granulator which can be equipped with counter-rotating matrices or with matrices that rotate one inside the other.

IPC 1-7

**B29B 9/06; B01J 2/22; B30B 11/28**

IPC 8 full level

**B01J 2/22 (2006.01); B29B 9/06 (2006.01); B29B 9/14 (2006.01); B30B 11/28 (2006.01)**

CPC (source: EP)

**B01J 2/22 (2013.01); B29B 7/748 (2013.01); B29B 7/92 (2013.01); B29B 9/08 (2013.01); B29B 9/12 (2013.01); B29B 9/14 (2013.01); B30B 11/201 (2013.01); B30B 11/221 (2013.01); B30B 11/228 (2013.01); B30B 11/28 (2013.01)**

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0029183 A1 20000525; WO 0029183 A8 20000908; AU 1975800 A 20000605; BR 9916604 A 20011113; CA 2350760 A1 20000525; CZ 20011634 A3 20011017; DE 19956164 A1 20000525; DE 29920772 U1 20000302; EP 1128941 A1 20010905; HU P0104341 A2 20020328; ID 30227 A 20011115; PL 348146 A1 20020506; SK 6482001 A3 20011106**

DOCDB simple family (application)

**EP 9909741 W 19991112; AU 1975800 A 19991112; BR 9916604 A 19991112; CA 2350760 A 19991112; CZ 20011634 A 19991112; DE 19956164 A 19991112; DE 29920772 U 19991112; EP 99963473 A 19991112; HU P0104341 A 19991112; ID 20011261 A 19991112; PL 34814699 A 19991112; SK 6482001 A 19991112**