

Title (en)

METHOD FOR PRODUCING DETERGENT GRANULES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES REINIGUNGSMITTELS IN GRANULATFORM

Title (fr)

PROCÉDÉ DE PRODUCTION DE GRANULES DE DÉTERGENT

Publication

**EP 2502981 A4 20140723 (EN)**

Application

**EP 10831629 A 20101118**

Priority

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- JP 2010070595 W 20101118

Abstract (en)

[origin: EP2502981A1] To provide a method for producing detergent particles which gives excellent yields of detergent particles having a necessary particle size, containing an anionic surfactant according to a method without including spray-drying. By using the method of the present invention, an effect such as detergent particles having a sharp particle size distribution can also be produced in excellent yields is exhibited. Having a sharper particle size distribution would also lead to exhibition of the effects that a detergent having not only improved external appearance but also excellent free flowability, and consequently excellent productivity can be efficiently obtained.

IPC 8 full level

**C11D 11/00** (2006.01); **B01J 2/12** (2006.01); **C11D 1/14** (2006.01); **C11D 3/10** (2006.01); **C11D 17/06** (2006.01)

CPC (source: EP)

**C11D 1/14** (2013.01); **C11D 11/0082** (2013.01); **C11D 17/06** (2013.01)

Citation (search report)

- [Y] WO 9634082 A1 19961031 - PROCTER & GAMBLE [US], et al
- [Y] EP 1016451 A1 20000705 - KAO CORP [JP]
- [Y] WO 9919455 A1 19990422 - PROCTER & GAMBLE [US], et al
- See references of WO 2011062236A1

Cited by

EP2450428A4

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

DOCDB simple family (publication)

**EP 2502981 A1 20120926; EP 2502981 A4 20140723**; AU 2010320064 A1 20120531; AU 2010320064 B2 20140424; BR 112012011975 A2 20160510; CN 102712884 A 20121003; CN 102712884 B 20140312; JP 2011127106 A 20110630; WO 2011062236 A1 20110526

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