

Title (en)

METHOD FOR CONTINUOUSLY PRODUCING WATER-ABSORBING POLYMER PARTICLES

Title (de)

VERFAHREN ZUR KONTINUIERLICHEN HERSTELLUNG WASSERABSORBIERENDER POLYMERPARTIKEL

Title (fr)

PROCÉDÉ DE PRÉPARATION EN CONTINU DE PARTICULES POLYMÈRES ABSORBANT L'EAU

Publication

EP 2291416 A1 20110309 (DE)

Application

EP 09765776 A 20090610

Priority

- EP 2009057143 W 20090610
- US 7391408 P 20080619

Abstract (en)

[origin: US2009318633A1] A process for continuously producing water-absorbing polymer particles, comprising polymerization, drying, grinding, classification and at least partial recycling of the undersize obtained in the classification, wherein the polymer gel obtained by the polymerization is withdrawn from the polymerization reactor and mixed with the recycled undersize.

IPC 8 full level

A61L 15/24 (2006.01); **A61L 15/60** (2006.01); **B07B 1/00** (2006.01); **C08F 6/00** (2006.01); **C08J 3/12** (2006.01); **C08J 11/00** (2006.01); **F26B 1/00** (2006.01); **C08L 33/02** (2006.01)

CPC (source: EP US)

A61L 15/24 (2013.01 - EP US); **C08F 6/008** (2013.01 - EP US); **C08J 3/12** (2013.01 - EP US); **C08J 2300/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2009153196A1

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Designated extension state (EPC)

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