

Title (en)

METHOD FOR THE PRODUCTION OF FLAMEPROOF, EXPANDABLE POLYSTYROL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FLAMMGESCHÜTZTEM, EXPANDIERBAREM POLYSTYROL

Title (fr)

PROCEDE POUR PRODUIRE DU POLYSTYRENE EXPANSIBLE IGNIFUGE

Publication

EP 1771502 A2 20070411 (DE)

Application

EP 05772383 A 20050708

Priority

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- DE 102004034516 A 20040715

Abstract (en)

[origin: WO2006007995A2] The invention relates to a method for the production of flameproof, expandable styrol polymers (EPS) by extruding a styrol polymer melt containing a propellant and flameproof agents through a nozzle plate with subsequent under water granulation. The residence time of the flameproof agent is less than 30 minutes at a melting temperature in the region of between 140 to 220 °C.

IPC 8 full level

C08J 9/00 (2006.01); **B29C 44/34** (2006.01)

CPC (source: EP KR)

B29C 44/3461 (2013.01 - EP KR); **C08J 9/0019** (2013.01 - EP KR); **C08J 9/0023** (2013.01 - EP KR); **C08K 5/02** (2013.01 - KR); **C08L 25/06** (2013.01 - KR); **C08J 2201/03** (2013.01 - EP KR); **C08J 2325/06** (2013.01 - EP KR); **C08L 2201/02** (2013.01 - KR)

Citation (search report)

See references of WO 2006007995A2

Cited by

WO2018015494A1; US11440843B2; US10808093B2; US11447614B2; WO2018015502A1; WO2018015490A1; US11993691B2; US10639829B2; US11267170B2; EP3495335A1; US10961154B2; US11708306B2; US11859066B2

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DOCDB simple family (publication)

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