

Title (en)

METHOD FOR INJECTION MOLDING WITH IMPROVED MOLD PRIMER.

Title (de)

SPRITZGIESSVERFAHREN MIT VERBESSERTER FORMGRUNDIERUNG.

Title (fr)

PROCEDE DE MOULAGE PAR INJECTION ET COUCHE D'APPRET AMELIOREE UTILISEE A L'INTERIEUR DU MOULE.

Publication

EP 0288457 A4 19880823 (EN)

Application

EP 86905055 A 19860804

Priority

US 8601581 W 19860804

Abstract (en)

[origin: WO8800876A1] An in-mold primer which contains a preferentially adhesive resin also serves simultaneously as a mold release agent, and results in RIM (reaction injection molding) plastic articles whose surfaces virtually mirror the mold surface. Such a primer leaves no appreciable residue whatsoever on the mold surface during a production run of a large number of articles, obviating the previously encountered need to clean the mold each time a conventional mold release agent was introduced, each time an article was molded. The preferred resin in the primer is a hydroxylated vinyl chloride-vinyl acetate copolymer (VAGH resin).

IPC 1-7

B28B 7/36

IPC 8 full level

B29C 39/12 (2006.01); **B29C 33/58** (2006.01); **B29C 33/62** (2006.01); **B29C 37/00** (2006.01); **B29C 45/00** (2006.01); **B29C 45/37** (2006.01); **B29C 67/24** (2006.01)

CPC (source: EP)

B29C 33/62 (2013.01); **B29C 37/0032** (2013.01); **B29C 67/246** (2013.01)

Citation (search report)

- [X] DE 2154756 A1 19720531 - PROGIL BAYER UGINE
- [A] GB 2068819 A 19810819 - EXXON RESEARCH ENGINEERING CO
- See references of WO 8800876A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

WO 8800876 A1 19880211; EP 0288457 A1 19881102; EP 0288457 A4 19880823; JP H01500984 A 19890406

DOCDB simple family (application)

US 8601581 W 19860804; EP 86905055 A 19860804; JP 50442486 A 19860804