

Title (en)

METHOD FOR INJECTION MOULDING FOAMED RESIN PARTS WITH A SMOOTH FINISH.

Title (de)

VERFAHREN ZUM SPRITZGIESSEN VON TEILEN AUS GESCHÄUMTEM HARZ MIT EINER GLATTEN OBERFLÄCHE.

Title (fr)

PROCEDE DE MOULAGE PAR INJECTION DE PIECES EN RESINE MOUSSEE AVEC UNE SURFACE DE FINITION LISSE.

Publication

**EP 0034582 A4 19810827 (EN)**

Application

**EP 79901510 A 19810309**

Priority

US 7900650 W 19790824

Abstract (en)

[origin: WO8100535A1] This invention substantially improves the surface finish on resin filled foamed molded plastic products manufactured by injection molding by preheating the skin surface (70, 72) of that of the mold in contact with the part to be molded prior to the injection cycle of the machine and then subsequently chilling the mold via internal tube connections (124, 126) to shorten the time needed in the manufacturing cycle for solidifying the part sufficiently for release from the mold.

IPC 1-7

**B29D 27/00**; **B29F 1/00**

IPC 8 full level

**B29C 44/42** (2006.01); **B29C 44/60** (2006.01); **B29C 45/17** (2006.01)

CPC (source: EP)

**B29C 44/428** (2013.01); **B29C 44/60** (2013.01); **B29C 45/1703** (2013.01); **B29C 2045/7375** (2013.01)

Citation (search report)

- FR 2223167 A1 19741025 - PONT A MOUSSON [FR]
- DE 1554851 A1 19700122 - PHOENIX GUMMIWERKE AG
- DE 1090426 B 19601006 - GRUNDIG MAX
- US 3960996 A 19760601 - BALEVSKI ANGUEL TONCHEV, et al
- US 3897201 A 19750729 - BELOT PIERRE, et al
- FR 2256021 A1 19750725 - ASAHI DOW LTD [JP]
- US 4129635 A 19781212 - YASUIKE AKIO, et al
- GB 1226135 A 19710324

Cited by

DE4032002A1

Designated contracting state (EPC)

CH DE FR GB NL

DOCDB simple family (publication)

**WO 8100535 A1 19810305**; EP 0034582 A1 19810902; EP 0034582 A4 19810827

DOCDB simple family (application)

**US 7900650 W 19790824**; EP 79901510 A 19810309