

Title (en)

METHOD FOR PRODUCTION OF A HOLLOW BODY BY EXTRUSION AND BLOWING OF A THERMOPLASTIC RESIN

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES HOHLKÖRPERS DURCH EXTRUSION UND BLASFORMEN EINES THERMOPLASTISCHEN HARZES

Title (fr)

PROCEDE DE FABRICATION D'UN CORPS CREUX PAR EXTRUSION ET SOUFFLAGE D'UNE RESINE THERMOPLASTIQUE

Publication

**EP 1590161 A1 20051102 (FR)**

Application

**EP 04707555 A 20040203**

Priority

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Abstract (en)

[origin: FR2850899A1] The procedure consists of heating the resin to a malleable state and filling a space (12) in a heated accumulator (1) with a portion of it. After fitting a blowing mould (24) beneath the accumulator a mobile die (10, 11) is used to carry a layer of resin into the mould as an outer surface coating (38). A pressure fluid is then fed through a channel (17) and outlets (39) in the die to expand the resin against the inner surface of the mould. The resulting hollow body is then allowed to cool until rigid and ejected from the mould after retracting the die.

IPC 1-7

**B29C 49/04**; **B29C 49/12**; **B29C 49/42**; **B29C 47/20**

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2004078458A1

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