Title (en)

IMPROVEMENTS IN OR RELATING TO GAS ASSISTED INJECTION MOULDING

Title (de)

VERBESSERUNGEN AN ODER IN BEZUG AUF DURCH GAS UNTERSTÜTZTES SPRITZGIESSEN

Title (fr)

AMELIORATIONS CONCERNANT OU APPORTEES AU MOULAGE PAR INJECTION AUX GAZ

Publication

EP 1005409 A1 20000607 (EN)

Application

EP 98935110 A 19980714

Priority

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Abstract (en)

[origin: WO9903665A1] A mould for a gas assisted method of injection moulding has first and second mould parts defining a mould cavity. A series of upstanding ribs extend from the surface of the mould defining the mould cavity. These ribs produce complementary channels (30) in a moulding produced in the mould. These channels (30) split the mould cavity into a plurality of communicating sub-sections (31). Channels are provided splitting the ribs into sections and forming, during the moulding process, connecting ribs (35) of plastic between the plastic adjacent the channels (30). These ribs contribute to the lateral rigidity of the moulded product. The sub-sections enable an otherwise uncontrollable void to be divided into controllable smaller voids.

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IPC 8 full level

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CPC (source: EP)

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