

Title (en)
MOULDED PLASTIC ARTICLE AND A METHOD FOR THE PRODUCTION THEREOF

Title (de)
KUNSTSTOFFFORMTEIL UND VERFAHREN ZUR HERSTELLUNG EINES KUNSTSTOFFFORMTEILS

Title (fr)
PIECE MOULEE EN MATIERE PLASTIQUE ET SON PROCEDE DE PRODUCTION

Publication
EP 1817151 A1 20070815 (DE)

Application
EP 05817595 A 20051122

Priority
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Abstract (en)
[origin: DE102004057810A1] A molded section (12) has one or more inserts (16A) each of which pass through a molded component (34) forming part of the final sliding roof (10). During molding of the plastic section the molded component forms a seal in the cavity of a molding tool in areas in which each insert protrudes out of the tool. A molded section (12) has one or more inserts (16A) each of which pass through a molded component (34) forming part of the final sliding roof (10). During molding of the plastic section the molded component forms a seal in the cavity of a molding tool in areas in which each insert protrudes out of the tool. The molded component (34) lies in the tool parting plane, preferably in the opposing land faces of the tool. An alternative design of molded component comprises two parts linked by a connector. Anchoring points on the molded components ensure good mechanical connection with the plastic of the molded section (12). Molded components have wedge-shaped flanks and are plastically deformable. An independent claim is included for a process for manufacturing the molded plastic part (10) comprising a molded section (12) and one or more inserts (16A) in which: a) each insert is fitted with a deformable molded component (34) through which the inserts pass; b) each insert with fitted deformable component is placed near the edge of a molding tool cavity; c) the tool is closed so that the molded component deforms and seals the cavity in areas where each insert protrudes out of the cavity; and d) plastic for forming the molded section is then introduced into the cavity and bonds to the insert and component.

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