

Title (en)  
MULTICOLOUR AND MULTIPLE MATERIAL INJECTION MOULDING OF A CAPSULE PROVIDED WITH A CAP PIVOTING ABOUT A HINGE

Title (de)  
SPRITZGIESSEN MIT MEHREREN MATERIALIEN UND MEHREREN FARBEN EINER VERSCHLUSSKAPPE MIT EINER SCHARNIERENDEN ABDECKUNG

Title (fr)  
MOULAGE PAR INJECTION MULTIMATIERE MULTICOULEUR D'UNE CAPSULE MUNIE D'UNE COIFFE PIVOTANT AUTOUR D'UNE CHARNIERE

Publication  
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Application  
**EP 01923772 A 20010410**

Priority

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Abstract (en)  
[origin: WO0178958A1] The invention concerns a method for sequential moulding with multiple materials for making a piece comprising at least two parts with matching shapes produced in a different plastic material, mobile relative to each other by pivoting about a hinge, which consists in: using a moulding equipment comprising a second mould (30) and a first mould (31) whereof the assembled impressions define the cavity of the open part, the mobile portions forming between them an angle of about 180 DEG , one of the moulds (31) comprising a housing wherein slides a gate (35), capable of blocking the flow of the first plastic material; injecting the first portion (32, 34) with a first plastic material, the gate (35) providing with its side wall an obstacle to the flow of said first plastic material at the fasteners of the elements of the hinge on the second piece; causing the gate (35) to open and injecting the second plastic material into the second portion (33) of the piece.

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