

Title (en)

MOLDING MULTI-LAYERED ARTICLES USING COINJECTION TECHNIQUES

Title (de)

SPRITZGIESSEN VON MEHRLAGIGEN FORMTEILEN UND COINJEKTIONS-METHODEN

Title (fr)

MOULAGE D'ARTICLES MULTICOUCHES AU MOYEN DE TECHNIQUES DE CO-INJECTION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0062997A1] A multi-cavity coinjection mold and method for simultaneously producing a plurality of multi-layered articles comprising: a mold structure defining a plurality of mold cavities; a first supply source for supplying metered amounts of a first molding material; a second supply source for supplying metered amounts of a second molding material; a hot runner system (22, 24) in communication with the first and second supply sources for conveying the metered amounts of the first and the second materials separately to a region proximate each of the cavities; the region comprising having a pin (30) controlled passage (16) leading to proximate cavity (12) by way of a gate (14) having the same cross section as the passage (16), the pin (30) scavenging material from the passage and providing cavity packing.

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