

Title (en)
METHOD AND APPARATUS FOR CO-INJECTION OF PLASTIC ARTICLES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM KO-SPRITZGIESSEN VON PLASTIKGEGENSTÄNDEN

Title (fr)
PROCEDE ET APPAREIL POUR LA CO-INJECTION D'ARTICLES EN PLASTIQUE

Publication
EP 0929391 A4 20010321 (EN)

Application
EP 97944513 A 19970926

Priority
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• US 2756496 P 19960927
• US 89745997 A 19970721

Abstract (en)
[origin: WO9813188A1] Injection molding apparatus (410) including a first mold cavity having an inlet (416), a second mold cavity having an inlet (416), a source of a first material (418) to be injected, a source of a second material (422) to be injected, and a co-injection manifold (426) including a nozzle housing (474) including a first outlet (486) adapted to communicate with the first mold cavity inlet, a second outlet (486) adapted to communicate with the second mold cavity inlet, first and second spaced apart inlets (490, 494) respectively adapted to communicate with the first and second sources of material to be injected, a first passageway (506) communicating between the first inlet and the first and second outlets, and a second passageway (510) communicating between the second inlet and the first and second outlets.

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Citation (search report)
• [A] EP 0339753 A1 19891102 - HARTMAN HOLDING B V [NL]
• [A] DE 3306714 A1 19830908 - IMI IND MACC IDRAULICHE [IT]
• [A] EP 0378138 A2 19900718 - HUSKY INJECTION MOLDING [CA]
• [A] US 5460771 A 19951024 - MITCHELL FRANK L [US], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 218 (M - 607) 15 July 1987 (1987-07-15)
• See references of WO 9813188A1

Designated contracting state (EPC)
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