

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 A1 19990721 (EN)

Application
EP 97944513 A 19970926

Priority

- US 9717387 W 19970926
- 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.

IPC 1-7
B29C 45/22

IPC 8 full level
B29C 45/26 (2006.01); **B29C 45/16** (2006.01); **B29C 45/22** (2006.01)

CPC (source: EP)
B29C 45/1603 (2013.01); **B29C 2045/2683** (2013.01); **B29C 2045/308** (2013.01)

Designated contracting state (EPC)
BE DE ES FR GB IT

DOCDB simple family (publication)
WO 9813188 A1 19980402; AU 4598997 A 19980417; EP 0929391 A1 19990721; EP 0929391 A4 20010321; JP 2001524036 A 20011127

DOCDB simple family (application)
US 9717387 W 19970926; AU 4598997 A 19970926; EP 97944513 A 19970926; JP 51597198 A 19970926