

Title (en)

Pouring spout array and process for forming same

Title (de)

Gruppe von Giessstücken sowie Verfahren zur ihrer Herstellung

Title (fr)

Ensemble de becs verseurs et son procédé de fabrication

Publication

EP 1090844 A1 20010411 (EN)

Application

EP 00125515 A 19960719

Priority

- EP 96926749 A 19960719
- JP 20781995 A 19950721

Abstract (en)

A parts array (10) included a plurality of molded parts and a carrier to which each of the plurality of molded parts is attached so that the molded parts are arranged in a row on the carrier. The molded parts are attached to the carrier in such a way that they are separable from the carrier when the carrier is pulled away from the molded parts. The carrier is in the form of a pair of wires (31,33). <IMAGE>

IPC 1-7

B65B 69/00

IPC 8 full level

B23P 19/00 (2006.01); **B65B 69/00** (2006.01); **B65D 5/02** (2006.01); **B65D 5/72** (2006.01); **B65D 5/74** (2006.01); **B65D 73/00** (2006.01); **B65D 73/02** (2006.01)

CPC (source: EP KR)

B65B 69/00 (2013.01 - EP KR); **B65D 5/029** (2013.01 - EP); **B65D 5/727** (2013.01 - EP); **B65D 5/748** (2013.01 - EP); **B65D 73/02** (2013.01 - EP)

Citation (search report)

- [Y] DE 2848833 A1 19800522 - BOSCH GMBH ROBERT
- [Y] EP 0207610 A1 19870107 - GRACE W R & CO [US]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9703884 A1 19970206; AU 6678596 A 19970218; AU 709787 B2 19990909; CA 2226764 A1 19970206; CN 1096389 C 20021218; CN 1135189 C 20040121; CN 1197434 A 19981028; CN 1343608 A 20020410; DE 69624145 D1 20021107; DE 69624145 T2 20030703; DE 69631915 D1 20040422; DE 69631915 T2 20050203; EP 0885143 A1 19981223; EP 0885143 A4 20000119; EP 0885143 B1 20021002; EP 1090844 A1 20010411; EP 1090844 B1 20040317; JP 3493564 B2 20040203; JP H0929555 A 19970204; KR 100425807 B1 20040630; KR 19990035806 A 19990525; TW 346439 B 19981201

DOCDB simple family (application)

US 9611997 W 19960719; AU 6678596 A 19960719; CA 2226764 A 19960719; CN 01125075 A 20010802; CN 96197151 A 19960719; DE 69624145 T 19960719; DE 69631915 T 19960719; EP 00125515 A 19960719; EP 96926749 A 19960719; JP 20781995 A 19950721; KR 19980700465 A 19980121; TW 85110533 A 19960829