

Title (en)

Forming apparatus having catalyst introduction simultaneous with sand injection.

Title (de)

Formvorrichtung, wobei das Zuführen des Katalysators gleichzeitig mit dem Sandeinschuss stattfindet.

Title (fr)

Dispositif de moulage comprenant une introduction du catalyseur simultanément avec l'injection de sable.

Publication

EP 0259557 A1 19880316 (EN)

Application

EP 87109611 A 19870703

Priority

US 88536186 A 19860714

Abstract (en)

An apparatus and method for simultaneously injecting moulding material (14) and a curing additive into a form (22). The apparatus (10) includes a container (12) of moulding material (14) interconnected by a conduit (20) to a forming cavity (22). Moulding material (14) is discharged into cavity (22) through conduit (20). An integrally formed chamber (36) is provided for simultaneously supplying additive to the discharging moulding material (14). Moulding material (14) is forced into cavity (22) while simultaneously forcing the additive into the path of the discharging moulding material (14).

IPC 1-7

B22C 9/12; **B22C 15/24**

IPC 8 full level

B22C 9/10 (2006.01); **B22C 9/12** (2006.01); **B22C 15/24** (2006.01)

CPC (source: EP)

B22C 9/123 (2013.01); **B22C 15/245** (2013.01)

Citation (search report)

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- [Y] FR 1496753 A 19671006 - AUTOMOTIVE PATTERN COMPANY
- [A] DE 3023949 A1 19820708 - WOLF KURT, et al
- [A] FR 2504035 A1 19821022 - MITSUBISHI HEAVY IND LTD [JP]
- [X] PATENT ABSTRACTS OF JAPAN, vol. 6, no. 228 (M-171)[1106], 13th November 1982; & JP-A-57 130 737 (NANIWA SEISAKUSHO K.K.) 13-08-1982
- [A] SOVIET INVENTIONS ILLUSTRATED, section P/Q, week K19, 22nd June 1983, Derwent Publications Ltd, London, GB; & SU-A-939 160 (A.F. VLASOV) 30-06-1982

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