

Title (en)

DEVICE FOR MIXING SAND FOR FOUNDRY MOULDS OR CORES

Publication

EP 0246394 A3 19881005 (DE)

Application

EP 87101231 A 19870129

Priority

DE 3616894 A 19860520

Abstract (en)

[origin: US4798471A] Apparatus for making molding sand has one or more housings defining upright cylindrical chambers and being movable with reference to a plate-like support to and from positions of register with an aperture in the support. Each chamber is normally closed at its upper end by a closure which has outlets for sand and one or more binder materials (such as clayey matter, pulverulent iron oxide, pulverized wood and/or others), and a rotary propeller is movable axially in each chamber to mix the ingredients in the circumferential direction as well as axially of the respective chamber.

IPC 1-7

B22C 5/04

IPC 8 full level

B01F 11/00 (2006.01); **B01F 13/10** (2006.01); **B01F 15/00** (2006.01); **B22C 5/04** (2006.01)

CPC (source: EP US)

B01F 31/40 (2022.01 - EP US); **B01F 33/85** (2022.01 - EP US); **B01F 35/145** (2022.01 - EP US); **B01F 35/423** (2022.01 - EP US); **B22C 5/044** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0246394 A2 19871125; EP 0246394 A3 19881005; EP 0246394 B1 19910410; AT E62433 T1 19910415; DE 3616894 A1 19871126; DE 3616894 C2 19890309; DE 3769200 D1 19910516; ES 2022164 B3 19911201; US 4798471 A 19890117

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