

Title (en)

METHOD OF MIXING FOUNDRY MOULDING MATERIALS

Publication

EP 0219607 A3 19870909 (DE)

Application

EP 86108060 A 19860612

Priority

DE 3537980 A 19851025

Abstract (en)

[origin: US4818112A] In a process for mixing wet molding materials, particularly wet molding sands used for foundry purposes, the dry components of the molding materials are premixed in a container and, following the premixing of the moist components of the molding materials, are added and then homogenized with the dry components by further mixing. To reduce the mixing time, improve the mixing result and prevent contamination of mixer parts above free surface level of the dry components, the moist components are added under an overpressure to the premixed dry components below the surface level of the premixed dry components.

IPC 1-7

B22C 5/04; **B22C 5/08**; **B22C 5/18**

IPC 8 full level

B22C 5/04 (2006.01); **B22C 5/08** (2006.01); **B22C 5/18** (2006.01)

CPC (source: EP US)

B22C 5/0409 (2013.01 - EP US)

Citation (search report)

- [A] EP 0019288 A1 19801126 - WACHTER KG BAUSTOFFWERK [DE]
- [A] DE 2162560 B2 19730809
- [A] DE 2131371 A1 19720120 - PREC METALSMITHS INC

Designated contracting state (EPC)

DE FR SE

DOCDB simple family (publication)

EP 0219607 A2 19870429; **EP 0219607 A3 19870909**; **EP 0219607 B1 19890524**; DE 3537980 A1 19870430; DE 3663463 D1 19890629; US 4818112 A 19890404

DOCDB simple family (application)

EP 86108060 A 19860612; DE 3537980 A 19851025; DE 3663463 T 19860612; US 89939886 A 19860822