

Title (en)

Binder composition for moulding.

Title (de)

Bindemittelgemisch zur Verfestigung.

Title (fr)

Composition de liant pour moulage.

Publication

EP 0150745 A2 19850807 (DE)

Application

EP 85100275 A 19850112

Priority

DE 3403583 A 19840202

Abstract (en)

The binder composition for consolidating the moulding sand for foundry purposes consists of an alkali metal silicate, preferably sodium silicate, a polyhydric alcohol and further additives, modified carbohydrates, non-hygroscopic starch, a metal oxide and a filler being envisaged as additives.

Abstract (de)

Bindemittelgemisch zur Verfestigung des Formsandes für Giessereizwecke, bestehend aus einem Alkalimetallsilikat, vorzugsweise Natriumsilikat, einem mehrwertigen Alkohol und weiteren Additiven, wobei als Additive modifizierte Kohlehydrate, nichthygroskopische Stärke, Metalloxid und ein Füllstoff vorgesehen sind.

IPC 1-7

B22C 1/18; **B22C 1/02**

IPC 8 full level

B22C 1/02 (2006.01); **B22C 1/16** (2006.01); **B22C 1/18** (2006.01)

CPC (source: EP)

B22C 1/167 (2013.01); **B22C 1/188** (2013.01)

Cited by

CN110944768A; EP0401388A4; DE102006061876A1; DE202007019192U1

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0150745 A2 19850807; **EP 0150745 A3 19861126**; **EP 0150745 B1 19910306**; AT E61258 T1 19910315; DD 233959 A5 19860319; DE 3403583 A1 19850808; DE 3403583 C2 19871217

DOCDB simple family (application)

EP 85100275 A 19850112; AT 85100275 T 19850112; DD 27297385 A 19850201; DE 3403583 A 19840202