

Title (en)

MEANS FOR SUPPORTING AND CENTERING A CORE IN A MOULD FOR CONTINUOUS-CASTING TUBES

Publication

**EP 0069867 B1 19840425 (FR)**

Application

**EP 82105179 A 19820614**

Priority

FR 8113239 A 19810706

Abstract (en)

[origin: ES266051U] A cap 42 with a lower spherical surface 46 is held against the flared head 38 of a casting core 24 and rests on the spherical upper surface of an annular bed 50 which is fixed above a casting head 12. The bed is coaxial with an enlarged orifice 40 for the passage of the core, and is coaxial with a casting tank 16. Projections 70 are distributed regularly around the periphery of the core and come into contact with the internal wall of a mold 22 near a die opening to center the core in the mold by possibly moving the cap in relation to the bed, before final tightening.

IPC 1-7

**B22D 11/00**

IPC 8 full level

**B22D 11/00** (2006.01); **B22D 11/04** (2006.01); **B22D 11/10** (2006.01); **B22D 11/14** (2006.01)

CPC (source: EP US)

**B22D 11/006** (2013.01 - EP US)

Designated contracting state (EPC)

AT DE GB IT NL SE

DOCDB simple family (publication)

**EP 0069867 A1 19830119; EP 0069867 B1 19840425**; AT E7209 T1 19840515; BR 8203905 A 19830628; CA 1180878 A 19850115; DE 3260120 D1 19840530; ES 266051 U 19830116; ES 266051 Y 19830716; FR 2508828 A1 19830107; FR 2508828 B1 19831021; JP S5816757 A 19830131; JP S6036852 B2 19850822; US 4456053 A 19840626

DOCDB simple family (application)

**EP 82105179 A 19820614**; AT 82105179 T 19820614; BR 8203905 A 19820705; CA 406560 A 19820705; DE 3260120 T 19820614; ES 266051 U 19820623; FR 8113239 A 19810706; JP 11667382 A 19820705; US 39394582 A 19820630