

Title (en)
POURING TUBES FOR CONTINUOUS ELECTOROTATIVE CASTING OF METALS

Publication
EP 0030910 B1 19831012 (FR)

Application
EP 80630055 A 19801126

Priority
LU 82001 A 19791217

Abstract (en)
[origin: US4387761A] Molten metal is introduced in a continuous-casting system downwardly into a mold through a nozzle opening downwardly into the mold at an axis to form in the mold a body of molten metal having an upper surface carrying impurities above the mouth of the mold. The body of molten metal is rotated about the axis in the mold. The nozzle is provided generally at the level of the upper surface of the body of molten metal with radially outwardly projecting vanes that prevent the body from rotating about the axis at the upper surface, thereby preventing inclusions from being sucked into the body of molten metal.

IPC 1-7
B22D 11/10

IPC 8 full level
B22D 11/10 (2006.01); **B22D 11/115** (2006.01); **B22D 41/50** (2006.01)

CPC (source: EP US)
B22D 11/115 (2013.01 - EP US); **B22D 41/507** (2013.01 - EP US)

Citation (examination)
• FR 2156373 A1 19730525 - NIPPON STEEL CORP
• FR 2156751 A1 19730601 - VOEST AG, et al
• GB 748709 A 19560509 - SIEGFRIED JUNGHANS
• FR 2150723 A1 19730413 - CENTRIFUGATION ET

Cited by
CN108247033A; EP3900855A1; WO2021214070A2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0030910 A1 19810624; EP 0030910 B1 19831012; AT E4965 T1 19831015; CA 1153864 A 19830920; DE 3065321 D1 19831117; LU 82001 A1 19810723; US 4387761 A 19830614

DOCDB simple family (application)
EP 80630055 A 19801126; AT 80630055 T 19801126; CA 366494 A 19801210; DE 3065321 T 19801126; LU 82001 A 19791217; US 21653980 A 19801215