

Title (en)

METHOD AND DEVICE FOR TREATMENT OF NON-SOLIDIFIED PARTS OF A CAST STRAND

Publication

EP 0317789 B1 19920812 (EN)

Application

EP 88118053 A 19881029

Priority

SE 8704259 A 19871102

Abstract (en)

[origin: EP0317789A1] Method and device for treatment of the non-solidified parts of a cast strand, which is formed in a mold (9) from a tapping jet of molten material entering the mold (9) directly or via a casting pipe (8). According to the invention a magnetic field is created at the cast strand, in the direction of casting downstream of the mold (9) and acting transversely thereto. When the inflowing metallic melt passes through this magnetic field (10), the velocity of the melt is reduced and the stream of the incoming melt is divided (12).

IPC 1-7

B22D 11/12

IPC 8 full level

B22D 11/10 (2006.01); **B22D 11/103** (2006.01); **B22D 11/115** (2006.01); **B22D 11/12** (2006.01)

CPC (source: EP)

B22D 11/122 (2013.01)

Cited by

CN103908739A; AU731665B2; CN1096902C; CN114286728A; US6315029B1; WO0007754A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0317789 A1 19890531; **EP 0317789 B1 19920812**; DE 3873698 D1 19920917; DE 3873698 T2 19930325; JP H01150450 A 19890613; SE 465306 B 19910826; SE 8704259 D0 19871102; SE 8704259 L 19890503

DOCDB simple family (application)

EP 88118053 A 19881029; DE 3873698 T 19881029; JP 27465588 A 19881101; SE 8704259 A 19871102