

Title (en)

METHOD OF CASTING STEELS WITH HIGHER ALUMINIUM STANDARDS BY CONTINUOUS BILLET CASTING PLANTS

Publication

EP 0083920 A3 19831026 (DE)

Application

EP 83100005 A 19830103

Priority

CH 10782 A 19820108

Abstract (en)

[origin: EP0083920A2] 1. Method of casting steels with more than 0.02 weight percent metallic aluminium by continuous billet casting plants with freewheeling, calibrated tundish jets, characterized in that from 0.8 to 0.1 weight percent aluminium is added to the ladle, dependent on the C-content, in an amount from 0.04 to 2.0 of the aluminium content, and that thereafter calcium alloys in an amount of 0.05 to 1.2 times the amount in the ladle, based on pure calcium, is added to the ladle.

IPC 1-7

B22D 11/10; **C21B 7/00**; **C21B 7/06**

IPC 8 full level

B22D 11/10 (2006.01); **B22D 11/11** (2006.01); **C21B 7/00** (2006.01); **C21B 7/06** (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP)

B22D 11/11 (2013.01); **C21C 7/0006** (2013.01); **C21C 7/0037** (2013.01)

Citation (search report)

- [A] DE 2636400 A1 19780216 - MANNESMANN AG
- [AP] US 4317678 A 19820302 - FAULRING GLORIA M, et al
- [AD] DE 2527156 B2 19800904

Designated contracting state (EPC)

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DOCDB simple family (publication)

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