

Title (en)

METHOD OF AND ARRANGEMENT FOR DETERMINING THE AMOUNT OF SLAG PRESENT IN A TUNDISH DURING THE CONTINUOUS CASTING OF A METAL MELT

Publication

**EP 0035488 B1 19830720 (DE)**

Application

**EP 81890033 A 19810225**

Priority

AT 120180 A 19800305

Abstract (en)

[origin: EP0035488A1] 1. Method of determining the amount of slag present in a tundish (3) during the continuous casting of a metal melt (2), the metal melt flowing from a reservoir (1) covered with a slag layer (7) into a tundish (3) covered with a slag layer (8), the total weight of which tundish is continuously checked, and from there into a mould (6), characterized in that either the height (31) of the respective metal-melt bath level (20) present in the tundish (3) or the height (16) of the slag bath level (17) present in the tundish (3) is determined and from the relation of one of these values to the total weight of the tundish the slag amount present in the tundish is evaluated.

IPC 1-7

**B22D 11/16**; **B22D 11/10**; **B22D 39/04**

IPC 8 full level

**B22D 2/00** (2006.01); **B22D 11/10** (2006.01); **B22D 11/108** (2006.01); **B22D 11/111** (2006.01); **B22D 11/16** (2006.01); **B22D 11/18** (2006.01)

CPC (source: EP)

**B22D 2/00** (2013.01); **B22D 11/111** (2013.01); **B22D 11/185** (2013.01); **B22D 11/186** (2013.01)

Citation (examination)

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- DE 2039019 B2 19751113
- US 3842894 A 19741022 - SOUTHWORTH G, et al
- DE 1558162 A1 19700319 - ASEA AB

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EP1900458A1; EP0172394A1; EP1537926A1; EP0132296A1; US4693614A; US9829385B2

Designated contracting state (EPC)

BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0035488 A1 19810909**; **EP 0035488 B1 19830720**; AT 365497 B 19820125; AT A120180 A 19810215; BR 8101219 A 19810908; CA 1176428 A 19841023; DE 3160622 D1 19830825; JP S56139267 A 19811030

DOCDB simple family (application)

**EP 81890033 A 19810225**; AT 120180 A 19800305; BR 8101219 A 19810227; CA 370880 A 19810213; DE 3160622 T 19810225; JP 3109981 A 19810304