

Title (en)
MOLD FLUX AND CONTINUOUS CASTING METHOD USING THE SAME

Title (de)
GIESSPULVER UND DIESES VERWENDENDEN STRANGGIESSVERFAHREN

Title (fr)
FLUX DE COULÉE ET PROCÉDÉ DE COULÉE CONTINUE L'UTILISANT

Publication
EP 2035169 A4 20090930 (EN)

Application
EP 07747064 A 20070622

Priority

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Abstract (en)
[origin: WO2007148939A1] A mold flux including 20 to 50 wt% of CaO, 20 to 50 wt% of SiO₂, 20 wt% or less of Al₂O₃, 20 wt% or less of Na₂O, 10 wt% or less of Li₂O, 20 wt% or less of B₂O₃, and 10 wt% or less of MgO, and a continuous casting method using the mold flux. The quality of products can be improved, since the occurrence of surface cracks of cast pieces is suppressed. Further, since the occurrence of break-out is prevented, it is possible to improve the process stability.

IPC 8 full level
B22D 11/108 (2006.01)

CPC (source: EP)
B22D 11/111 (2013.01)

Citation (search report)

- [X] KR 20020052121 A 20020702 - POSCO [KR]
- [X] JP H07185755 A 19950725 - KAWASAKI STEEL CO
- [X] AUTORENKOLLEKTIV: "Slag Atlas 2nd Edition", 1995, VERLAG STAHLEISEN GMBH, XP002538735
- See references of WO 2007148939A1

Designated contracting state (EPC)
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