

Title (en)
METHOD FOR EXCHANGEABLY FASTENING A REFRACTORY PURGE PLUG OR SLEEVE AND A CONTAINER FOR MOLTEN METAL

Title (de)
VERFAHREN ZUR AUSWECHSELBAREN BEFESTIGUNG EINES FEUERFESTEN SPÜLSTEINES ODER HÜLSE SOWIE EIN BEHÄLTER FÜR METALLSCHMELZE

Title (fr)
PROCÉDÉ DE FIXATION AMOVIBLE D'UNE BRIQUE OU DOUILLE DE BALAYAGE RÉFRACTAIRE AINSI QUE CONTENANT POUR MÉTAL EN FUSION

Publication
EP 2352607 A2 20110810 (DE)

Application
EP 09760487 A 20091117

Priority

- EP 2009008180 W 20091117
- CH 18012008 A 20081117

Abstract (en)
[origin: WO2010054853A2] A container for molten metal has at least one opening (4; 24) in which a refractory nozzle brick (5; 5'; 25; 25') is mounted. A refractory purge plug (10; 10') or a refractory sleeve (30; 30') defining an outlet opening (31; 31') is inserted in the nozzle brick opening (6; 6'; 26; 26'). A defined gap is formed between the nozzle brick opening (6; 6'; 26; 26') and the purge plug (10; 10') or the sleeve (30; 30') and is filled with a refractory mass, said mass consisting of a material which can be easily bored or milled out of the mass for the purpose of replacing the purge plug (10; 10') or the sleeve (30; 30'). In this manner, laborious cleaning steps can be avoided and the nozzle brick no longer risks being damaged.

IPC 8 full level
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CPC (source: CN EP KR US)
B22D 1/00 (2013.01 - KR); **B22D 1/005** (2013.01 - EP US); **B22D 41/00** (2013.01 - CN); **B22D 41/02** (2013.01 - EP KR US); **B22D 41/08** (2013.01 - EP US); **C21C 5/48** (2013.01 - EP US); **C21C 7/072** (2013.01 - KR); **C22B 9/05** (2013.01 - KR); **C21C 2250/08** (2013.01 - EP US); **C22B 9/05** (2013.01 - EP US)

Citation (search report)
See references of WO 2010054853A2

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