

Title (en)

COOLING PLATE FOR A METALLURGICAL FURNACE AND METHOD FOR MANUFACTURING SUCH A COOLING PLATE

Title (de)

KÜHLPLATTE FÜR METALLURGISCHEN OFEN UND VERFAHREN ZUR HERSTELLUNG SOLCH EINER PLATTE

Title (fr)

PLAQUE DE REFROIDISSEMENT POUR UN FOUR METALLURGIQUE ET PROCEDE DE FABRICATION DE CETTE PLAQUE DE REFROIDISSEMENT

Publication

EP 1466021 A2 20041013 (EN)

Application

EP 02793108 A 20021221

Priority

- EP 0214692 W 20021221
- LU 90878 A 20020116

Abstract (en)

[origin: WO03060168A2] A cooling plate (10) for a metallurgical furnace comprises a cast cooling plate body (12) made of a ferrous metal and at least one steel cooling pipe (20) cast in the cooling plate body (12). A metallic jacket (26) having a thickness in the millimetre range is provided on the outer surface of the steel cooling pipe (20) in the cooling plate body (12), the metallic jacket (26) being made from a metal selected from the group consisting of copper, copper alloys, nickel and nickel alloys.

IPC 1-7

C21B 7/10; **F27B 1/24**; **F27D 1/12**

IPC 8 full level

B22D 19/00 (2006.01); **C21B 7/10** (2006.01); **F27B 1/24** (2006.01); **F27D 1/12** (2006.01); **F27D 9/00** (2006.01)

CPC (source: EP KR)

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WO 03060168 A2 20030724; **WO 03060168 A3 20031231**; AT E473301 T1 20100715; AU 2002358789 A1 20030730; CN 1317397 C 20070523; CN 1615371 A 20050511; DE 60236963 D1 20100819; EP 1466021 A2 20041013; EP 1466021 B1 20100707; JP 2005514522 A 20050519; KR 20040072726 A 20040818; LU 90878 B1 20030717

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