

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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