

Title (en)

COOLING DEVICE FOR THE ELECTRODES OF A METALLURGICAL FURNACE

Title (de)

KÜHLVORRICHTUNG FÜR ELEKTRODEN EINES METALLURGISCHEN OFENS

Title (fr)

DISPOSITIF DE REFROIDISSEMENT D'ELECTRODES D'UN FOUR METALLURGIQUE

Publication

EP 1891836 A1 20080227 (DE)

Application

EP 06776631 A 20060804

Priority

- EP 2006007761 W 20060804
- DE 202005012571 U 20050810

Abstract (en)

[origin: US2010135351A1] A cooling device (4) for electrodes (1) of a metallurgical furnaces, such as reduction furnaces, arc furnaces, induction furnaces, etc. has at least one contact jaw (2) and a holding ring (3), and comprises a cooling shield or sealing cylinder (5) which ends in a frontal zone (9) comprising an outer ring (6), a front plate (7) and an inner ring (8), the frontal zone (9) being formed in a single piece.

IPC 8 full level

H05B 7/12 (2006.01); **F27B 3/24** (2006.01); **H05B 7/10** (2006.01); **F27D 11/08** (2006.01)

CPC (source: EP NO US)

F27B 3/24 (2013.01 - EP US); **H05B 7/10** (2013.01 - EP US); **H05B 7/12** (2013.01 - EP NO US); **F27D 11/08** (2013.01 - EP US)

Citation (search report)

See references of WO 2007017210A1

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