

Title (en)

Cooling member, particularly for the walls of the upper part of an electric arc furnace or a shaft furnace

Title (de)

Kühlkörper, insbesondere für die Wände des Oberofens eines Lichtbogenofens oder eines Schachtofens

Title (fr)

Élément de refroidissement, en particulier pour les parois d'une partie supérieure d'un four à arc ou d'un four à cuve

Publication

**EP 1600717 B1 20090325 (DE)**

Application

**EP 05011000 A 20050520**

Priority

DE 102004032026 A 20040526

Abstract (en)

[origin: EP1600717A1] Cooling body (1) comprises a layer of copper or copper alloy on the hot side (2) to which a plate (9) or frame plate (9a) made from copper or copper alloy is assigned. The plate or frame plate is closed using an elastic seal (10). A number of parallel longitudinal profiles (4a) are provided either in the plate or frame plate or in the seal as cooling channels. The plate or frame plate is connected to a covering plate (12) made from iron or steel material and forming the cold side (6).

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102013219682A1; DE102013219686A1; DE102010008481A1; EP2312250A1; DE102010008944A1; WO2011104053A1

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