

Title (en)

Refractory plate with two layers and method for manufacturing the same

Title (de)

Zweischichtfeuerfestplatte sowie Verfahren zu deren Herstellung

Title (fr)

Plaque réfractaire bi-couche et son procédé de fabrication

Publication

EP 1701122 A2 20060913 (DE)

Application

EP 06001075 A 20060119

Priority

DE 102005011789 A 20050311

Abstract (en)

An oven heats e.g. steel blocks or profiles or similar and has an internal floor consisting of a heat-resistant base panel block that is of rectangular to trapezoidal planform. The base block is made of a composite material with an upper layer with a first set of properties and a lower layer with a second set of properties. The upper layer is optimized with respect with its exposure to flame, sparks and hot scale. The lower layer is optimized with respect to impact strength.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN103528376A; EP2762782A1; CN103968422A

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