

Title (en)

Connecting element for cooling element of a shaft furnace

Title (de)

Anschlussleitung für ein Kühlelement für einen Schachtofen

Title (fr)

Element de raccordement pour un dispositif de refroidissement d'un four à cuve

Publication

EP 1403603 B1 20060524 (DE)

Application

EP 03016951 A 20030725

Priority

DE 10244924 A 20020925

Abstract (en)

[origin: EP1403603A1] Connecting line is a flexible piece (9) arranged between the mouth region (6) of a coolant channel (5) and a pipe system on one side of a shaft furnace wall (8) and extends through a passage (11) in the oven wall. An Independent claim is also included for a cooling element for a shaft furnace.

IPC 8 full level

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

CPC (source: EP)

C21B 7/10 (2013.01); **F27B 1/24** (2013.01); **F27D 1/12** (2013.01); **F27D 2009/0018** (2013.01)

Citation (examination)

- DE 29608464 U1 19960725 - GUTEHOFFNUNGSHUETTE MAN [DE]
- STAHL UND EISEN, no. 5, May 1986 (1986-05-01), pages 205 - 210

Cited by

EP1466989A3; CN110760635A; US7712873B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 03016951 A 20030725; AT 03016951 T 20030725; DE 10244924 A 20020925; DE 50303449 T 20030725