

Title (en)

Method of removing ash in a furnace, a furnace, and use of ash in a furnace

Title (de)

Verfahren zur Entaschung eines Ofens, Ofen und Verwendung von Asche in einem Ofen

Title (fr)

Procédé d'élimination des cendres accumulées dans un four, four et utilisation des cendres dans un four

Publication

EP 2458280 A3 20140423 (EN)

Application

EP 11397533 A 20111128

Priority

FI 20100398 A 20101129

Abstract (en)

[origin: EP2458280A2] A method in a furnace (2), which comprises two or several successive spaces (5, 2, 23) with different pressures and at least one passage (11, 21, 30) between them. In the method ash is conveyed by means of a conveyor (34) to said passage and the ash is compressed to the passage by means of said conveyor, wherein the compressed ash prevents the flow of gases between the spaces through said passage. The furnace (2) comprises: a fire chamber; a grate (3); at least two successive spaces (2, 5, 23, 29) with different pressures, comprising at least a first space and a second space; at least one conveyor (34) arranged to move ash from the first space to the second space; and at least one passage (11, 30) through which dry ash can be pushed by said conveyor from the first space to the second space. The ash conveyed by the conveyor plugs and seals said passage.

IPC 8 full level

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CPC (source: EP FI)

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Citation (search report)

- [X] KR 100952609 B1 20100415 - KOREA MACH & MATERIALS INST [KR]
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- [Y] US 4884516 A 19891205 - LINSEN LAURI G [FI]

Cited by

CN108826329A

Designated contracting state (EPC)

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