

Title (en)

Cleaning device for charging- and discharging-casting siphons of a furnace.

Title (de)

Vorrichtung zur Reinigung des Einguss- und Ausguss-siphons eines Ofens.

Title (fr)

Dispositif de nettoyage des siphons de chargement et de déchargement par coulée d'un four.

Publication

EP 0423579 B1 19931222 (DE)

Application

EP 90119231 A 19901006

Priority

DE 3934354 A 19891014

Abstract (en)

[origin: EP0423579A1] In this cleaning device for the charging- and discharging-casting siphon (3, 4) of a furnace (1) suitable for holding molten metal (7) - in particular a regenerative or die-casting furnace - a frame (28) is placed on an opened siphon (3, 4) and connected to the latter. The frame (28) serves to guide and drive a cleaning tool, for example a ram (16), a bit (21, 22) or a bolt (23 to 26), which tool penetrates into the siphon passage (13) and frees the latter from slag incrustations (17). The cleaning tool can be driven uniformly in translation, in translatory and reciprocating fashion or in translatory fashion with impulses of a hammer drill. In addition, the cleaning tool can be rotated. Hydraulic, pneumatic and/or electric units can be used for driving. <IMAGE>

IPC 1-7

F27D 23/02

IPC 8 full level

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CPC (source: EP)

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