

Title (en)

Device for making or renewing a taphole of a metallurgical furnace

Title (de)

Vorrichtung zur Erstellung oder Erneuerung einer Abstichöffnung eines metallurgischen Gefäßes

Title (fr)

Dispositif pour construire ou renouveler un trou de coulée d'un four métallurgique

Publication

EP 0926458 B1 20040414 (DE)

Application

EP 98890343 A 19981118

Priority

AT 204097 A 19971202

Abstract (en)

[origin: EP0926458A1] A cylindrical hole is produced in the refractory lining of the metallurgical vessel and/or the lining of the tapping hole by a breaking or removing process, with use of a tool whose active working area is small in comparison with the hole to be produced. The tool is rotated perpendicular to the axis of the hole. At least two blocks with holes of a smaller diameter are joined to produce a pipe stack (50) which is subsequently introduced into the hole in the refractory lining. The gap between the pipe stack and the hole is filled with a hardenable refractory mass. An Independent claim is also included for an apparatus for carrying out the method. The apparatus includes a unit (1) for producing a cylindrical hole in the refractory lining, and a unit (5) for introducing a pipe stack into this hole. The two units are sequentially operable.

IPC 1-7

F27D 3/15; **F27D 1/16**

IPC 8 full level

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CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

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