

Title (en)

Furnace for reheating metallurgical products.

Title (de)

Ofen für die Nachwärmung von metallurgischen Produkten.

Title (fr)

Four pour le réchauffage de produits métallurgiques.

Publication

EP 0459864 A1 19911204 (FR)

Application

EP 91401305 A 19910521

Priority

FR 9008257 A 19900629

Abstract (en)

Furnace intended for reheating metallurgical products, in particular in bulk, and more specifically metal waste, which is mounted on rollers and in which the products are reheated by heat exchange with one of the walls of the furnace which has previously been subjected to the action of a heating means, this rotary furnace being characterised in that it is driven with a rotation movement, in particular with an alternating rotation movement according to its axis and in that it comprises a system of burners (18, 18') which is designed so as to heat alternately one wall (20) of the furnace and then the opposite wall (22), in order that one of said walls is in heating phase while the other wall transmits the heat which it has previously stored, during its heating phase, to the products to be reheated (P). <IMAGE>

IPC 1-7

F27B 3/06; **F27B 3/26**

IPC 8 full level

F27B 3/06 (2006.01); **F27B 3/26** (2006.01); **F27D 3/00** (2006.01)

CPC (source: EP)

F27B 3/065 (2013.01); **F27B 3/26** (2013.01); **F27D 2003/009** (2013.01)

Citation (search report)

- [A] US 3377059 A 19680409 - RICHARD ANKERSEN BORGE
- [A] EP 0368633 A2 19900516 - BRITISH GAS PLC [GB]
- [A] DE 645304 C 19370525 - METALLGESELLSCHAFT AG
- [A] DE 3200052 A1 19820812 - VOEST ALPINE AG [AT]

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0459864 A1 19911204; FR 2663950 A1 19920103; FR 2663950 B1 19930528

DOCDB simple family (application)

EP 91401305 A 19910521; FR 9008257 A 19900629