

Title (en)

Lateral kiln charging device for products of the iron and steel industry

Title (de)

Seitliche Ofenchargiervorrichtung für Erzeugnisse der Eisenhüttenindustrie

Title (fr)

Dispositif pour assurer l'introduction latérale de produits sidérurgiques dans un four

Publication

**EP 0599674 B1 19960911 (FR)**

Application

**EP 93402642 A 19931027**

Priority

FR 9213864 A 19921118

Abstract (en)

[origin: EP0599674A1] Device intended for laterally charging iron and steel industry products, such as, in particular, ingots (billets), directly into the heating zone of a furnace, especially a reheating furnace, to which the iron and steel industry products are brought by a handling means of known type, this device being characterised in that it includes a chute (14) on which the product (10) is placed by the handling means, before lateral charging into the furnace, this chute being used for supporting the said product during the charging into the furnace and being provided for this purpose with displacement means (40-46) for inserting it into the furnace at the same time as the product which it supports, means (48) being furthermore provided for depositing the said product into the furnace from the said chute.

IPC 1-7

**F27D 3/00**; **F27B 9/38**; **F27D 5/00**; **C21D 9/00**

IPC 8 full level

**C21D 9/00** (2006.01); **F27B 9/38** (2006.01); **F27D 3/00** (2006.01); **F27D 5/00** (2006.01); **F27D 3/02** (2006.01); **F27D 3/04** (2006.01); **F27D 3/12** (2006.01); **F27D 9/00** (2006.01)

CPC (source: EP)

**C21D 9/0018** (2013.01); **C21D 9/0081** (2013.01); **F27B 9/38** (2013.01); **F27D 3/0024** (2013.01); **F27D 5/00** (2013.01); **F27B 2009/386** (2013.01); **F27D 3/024** (2013.01); **F27D 3/04** (2013.01); **F27D 2003/0002** (2013.01); **F27D 2003/0042** (2013.01); **F27D 2003/0073** (2013.01); **F27D 2003/124** (2013.01); **F27D 2009/0013** (2013.01)

Cited by

EP0828129A1; FR2752827A1

Designated contracting state (EPC)

DE ES GB IT LU

DOCDB simple family (publication)

**EP 0599674 A1 19940601**; **EP 0599674 B1 19960911**; DE 599674 T1 19941208; DE 69304663 D1 19961017; DE 69304663 T2 19970213; ES 2052485 T1 19940716; ES 2052485 T3 19961116; FR 2698162 A1 19940520; FR 2698162 B1 19950113; TR 27367 A 19950117; TW 239163 B 19950121

DOCDB simple family (application)

**EP 93402642 A 19931027**; DE 69304663 T 19931027; DE 93402642 T 19931027; ES 93402642 T 19931027; FR 9213864 A 19921118; TR 102793 A 19931111; TW 82110184 A 19931202