

Title (en)

Intermediate storage oven downstream of a thin slab casting plant

Title (de)

Ofenanlage als Zwischenspeicher hinter einer Dünnbrammengiessanlage

Title (fr)

Installation de four comme emmagasinage temporaire, derrière un dispositif de coulée pour brames minces

Publication

EP 0701873 B1 19990331 (DE)

Application

EP 95250210 A 19950828

Priority

DE 4434370 A 19940915

Abstract (en)

[origin: EP0701873A1] The furnace installation (3) is intended as intermediate storage and transport facility for strip material between strip coiling de-coiling units (4,5) located between thin-strip casting and rolling installations. The furnace installation is characterised by the following features: (a) the strip coiling unit (4) is integrated into the entry side of the furnace installation; (b) at least one transport system-which incorporates vertically displaceable coil bearing elements reaching into the furnace interior - is located outside below the furnace installation for transport of strip coils (7,7a); (c) the strip decoiling unit (5) (communicating with the strip coiling unit by means of the coil transport system) is integrated into the exit side of the furnace installation.

IPC 1-7

B22D 11/128; B21B 1/46

IPC 8 full level

B21B 1/46 (2006.01); **B22D 11/128** (2006.01); **C21D 9/68** (2006.01)

CPC (source: EP US)

B21B 1/46 (2013.01 - EP US); **C21D 9/68** (2013.01 - EP US)

Cited by

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EP 0701873 A1 19960320; EP 0701873 B1 19990331; AT E178237 T1 19990415; DE 4434370 A1 19960321; DE 4434370 C2 19980528; DE 59505488 D1 19990506; US 5823766 A 19981020

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