

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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**EP 95250210 A 19950828**; AT 95250210 T 19950828; DE 4434370 A 19940915; DE 59505488 T 19950828; US 52916895 A 19950912