

Title (en)

Device for winding-up and winding-off alternately strip-shaped material

Title (de)

Vorrichtung zum abwechselnden Aufwickeln und Abwickeln von bandförmigem Gut

Title (fr)

Dispositif pour enrouler et dérouler alternativement des matériaux en forme de feuillard

Publication

EP 0647485 B1 19970312 (DE)

Application

EP 94250216 A 19940901

Priority

DE 4334826 A 19931008

Abstract (en)

[origin: DE4334826C1] The invention relates to an apparatus for the alternate winding and unwinding of stock in strip form, especially continuously cast thin slabs in furnace pairs, comprising two furnaces arranged one above the other and having horizontal winding axes, the furnaces being pivotable out of a winding and an unwinding position and winding and unwinding taking place at different speeds. In order to permit simultaneous winding in one of the two furnaces and unwinding in the other in different directions, the proposal according to the invention is that each furnace (9 to 12) of the furnace pair (5, 6) should be pivotable about a vertical axis (15) independently of the other furnace. <IMAGE>

IPC 1-7

B21B 1/46; C21D 9/68; B21C 47/00

IPC 8 full level

B21B 1/46 (2006.01); **B21B 45/00** (2006.01); **B21C 47/00** (2006.01); **B21C 47/26** (2006.01); **C21D 9/68** (2006.01); **B21B 1/26** (2006.01); **B21B 15/00** (2006.01)

CPC (source: EP US)

B21B 1/46 (2013.01 - EP US); **B21B 45/004** (2013.01 - EP US); **B21C 47/26** (2013.01 - EP US); **C21D 9/68** (2013.01 - EP US); **B21B 1/26** (2013.01 - EP US); **B21B 2015/0057** (2013.01 - EP US)

Cited by

EP1486267A1; US7823431B2

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

DE 4334826 C1 19941103; DE 59402034 D1 19970417; EP 0647485 A1 19950412; EP 0647485 B1 19970312; ES 2098864 T3 19970501; US 5494264 A 19960227

DOCDB simple family (application)

DE 4334826 A 19931008; DE 59402034 T 19940901; EP 94250216 A 19940901; ES 94250216 T 19940901; US 32058094 A 19941011