

Title (en)

Pressure roll for holding slabs down in an upsetting press.

Title (de)

Halterolle zur Abstützung von Brammen in einer Stauchpresse.

Title (fr)

Rouleau de presse-tôle pour la suppression des brames dans une presse à refouler.

Publication

**EP 0470436 B1 19941214 (DE)**

Application

**EP 91112376 A 19910724**

Priority

DE 4025389 A 19900810

Abstract (en)

[origin: EP0470436A2] To improve the pressing process in an upsetting press for reducing the width of rolling stock, in particular for reducing slab width in hot-strip roughing trains with tool carriers accommodating pressing tools and arranged on both sides of the edge of the slab, it is proposed that, in the region between the pressing tools, the upsetting press should have at least one vertically adjustable holding roller 2 arranged above and below the slab 1 and that driving rollers 5 should be arranged in the inlet and outlet region 3, 4 of the upsetting press, above and below the slab, and that the holding rollers 2 and the driving rollers 5 should be provided with internal cooling. <IMAGE>

IPC 1-7

**B21B 15/00**; **B21B 1/02**; **B21J 1/02**

IPC 8 full level

**B21B 1/02** (2006.01); **B21B 15/00** (2006.01); **B21B 27/08** (2006.01); **B21B 39/00** (2006.01); **B21J 1/02** (2006.01); **B21J 1/04** (2006.01)

CPC (source: EP KR US)

**B21B 15/00** (2013.01 - KR); **B21B 15/0035** (2013.01 - EP US); **B21B 27/08** (2013.01 - EP US); **B21B 39/006** (2013.01 - EP US); **B21J 1/04** (2013.01 - EP US); **F28F 5/02** (2013.01 - EP US)

Cited by

CN103785689A; US7559220B2; WO2005123293A1; WO2008067886A1; JP2010511516A

Designated contracting state (EPC)

AT BE DE ES FR GB GR IT NL SE

DOCDB simple family (publication)

**EP 0470436 A2 19920212**; **EP 0470436 A3 19920408**; **EP 0470436 B1 19941214**; AT E115443 T1 19941215; CN 1034634 C 19970423; CN 1058735 A 19920219; DE 4025389 A1 19920213; DE 4025389 C2 19990107; DE 59103867 D1 19950126; ES 2066288 T3 19950301; KR 920004049 A 19920327; RU 1831386 C 19930730; US 5313813 A 19940524

DOCDB simple family (application)

**EP 91112376 A 19910724**; AT 91112376 T 19910724; CN 91105468 A 19910810; DE 4025389 A 19900810; DE 59103867 T 19910724; ES 91112376 T 19910724; KR 910013588 A 19910806; SU 5001251 A 19910809; US 95137692 A 19920925