

Title (en)

Adaption of hot rolling lines for rolling thin strips

Title (de)

Nachrüstung von Warmwalzstrassen zum Walzen von dünnen Bändern

Title (fr)

Adaption des trains de laminage chauds pour laminier des bandes minces

Publication

EP 0919296 B1 20030402 (DE)

Application

EP 97120406 A 19971121

Priority

EP 97120406 A 19971121

Abstract (en)

[origin: EP0919296A1] A temperature equalization furnace (7) between the reversing roll stand (3) and the finish hot rolling section (6) reduces the maximum velocity and/or further reduces the strip thickness. The number of places (8) for the strip is chosen so that the total time for each batch in the furnace is a multiple of its rolling time in the hot rolling section.

IPC 1-7

B21B 1/24; **B21B 45/00**; **C21D 9/00**; **F27B 9/14**

IPC 8 full level

B21B 1/24 (2006.01); **B21B 45/00** (2006.01); **C21D 9/00** (2006.01); **F27B 9/14** (2006.01); **B21B 1/26** (2006.01); **B21B 1/34** (2006.01); **F27B 9/30** (2006.01)

CPC (source: EP US)

B21B 1/24 (2013.01 - EP US); **B21B 45/004** (2013.01 - EP US); **C21D 9/0081** (2013.01 - EP US); **F27B 9/142** (2013.01 - EP US); **B21B 1/26** (2013.01 - EP US); **B21B 1/34** (2013.01 - EP US); **B21B 2201/02** (2013.01 - EP US); **F27B 2009/3094** (2013.01 - EP US)

Cited by

EP4368307A1; EP4368305A1; EP2399683A1; ITUD20100125A1; EP3714999A1; CN113646101A; US11565290B2; US8322400B2; WO2020193051A1; DE102016105622B4; WO2024100691A1; WO2024100690A1

Designated contracting state (EPC)

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