

Title (en)

Method and installation for forming metal strip

Title (de)

Verfahren und Anlage zum Umformen von Metallband

Title (fr)

Procédé et installation pour former une bande métallique

Publication

EP 1025918 A3 20030917 (DE)

Application

EP 00100943 A 20000119

Priority

DE 19903926 A 19990201

Abstract (en)

[origin: US6237384B1] A method of shaping a metal strip in a hot rolling installation including arranged one after another finishing train, cooling section, and coiler, with the method including providing, in a region between an end of the cooling section and the coiler, rolls for reducing a strip thickness, and reducing the thickness of the strip after the strip leaves the cooling section; and an installation for effecting the method.

IPC 1-7

B21B 1/24; **B21B 37/28**; **B21B 1/26**

IPC 8 full level

B21B 1/22 (2006.01); **B21B 1/24** (2006.01); **B21B 1/26** (2006.01); **B21B 27/10** (2006.01); **B21B 31/20** (2006.01); **B21B 37/28** (2006.01); **B21B 45/00** (2006.01); **B21B 45/02** (2006.01); **B21B 15/00** (2006.01); **B21B 27/00** (2006.01); **B21B 28/04** (2006.01); **B21B 37/26** (2006.01); **B21B 38/02** (2006.01); **B21B 38/04** (2006.01); **B21B 39/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] US 4074555 A 19780221 - NOE OSKAR
- [X] US 5771731 A 19980630 - ROHDE WOLFGANG [DE], et al
- [X] EP 0306076 A1 19890308 - HOOGOVENS GROEP BV [NL]
- [X] US 5329688 A 19940719 - ARVEDI GIOVANNI [IT], et al
- [A] US 4653303 A 19870331 - RICHARD ROBERT [FR]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6237384 B1 20010529; AT E293017 T1 20050415; BR 0000229 A 20000905; CA 2297519 A1 20000801; CA 2297519 C 20061003; DE 19903926 A1 20000803; DE 50010022 D1 20050519; EP 1025918 A2 20000809; EP 1025918 A3 20030917; EP 1025918 B1 20050413; ES 2239943 T3 20051016; JP 2000218302 A 20000808; JP 4712149 B2 20110629

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US 49580600 A 20000201; AT 00100943 T 20000119; BR 0000229 A 20000131; CA 2297519 A 20000120; DE 19903926 A 19990201; DE 50010022 T 20000119; EP 00100943 A 20000119; ES 00100943 T 20000119; JP 2000016008 A 20000125