

Title (en)
HOT-ROLLED HIGH-STRENGTH STEEL STRIP WITH IMPROVED HAZ-SOFTENING RESISTANCE AND METHOD OF PRODUCING SAID STEEL

Title (de)
HEISSGEWALTZTER HOCHFESTER BANDSTAHL MIT VERBESSERTER HAZ-WEICHMACHERBESTÄNDIGKEIT UND HERSTELLUNGSVERFAHREN FÜR DIESEN STAHL

Title (fr)
BANDE D'ACIER HAUTE RÉSISTANCE LAMINÉE À CHAUD AVEC RÉSISTANCE ÉLEVÉE AU RAMOLLISSEMENT HAZ ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 2729590 B1 20151028 (EN)

Application
EP 12735134 A 20120710

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• EP 12735134 A 20120710

Abstract (en)
[origin: WO2013007729A1] Hot-rolled high-strength micro-alloyed steel strip with improved HAZ-softening resistance having a microstructure comprising martensite, tempered martensite and/or bainite.

IPC 8 full level
C21D 8/02 (2006.01); **C22C 38/04** (2006.01); **C22C 38/06** (2006.01); **C22C 38/12** (2006.01)

CPC (source: EP)
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Citation (opposition)
Opponent : voestalpine Stahl GmbH
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• CN 1840724 A 20061004 - BAOSHAN IRON & STEEL [CN]
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• US 6364968 B1 20020402 - YASUHARA EIKO [JP], et al
• CN 101748346 A 20100623 - WUYANG IRON & STEEL CO LTD
• "High-strength thermomechanically rolled fine- grain steels", LEAFLET FROM VOESTALPINE, June 2008 (2008-06-01), pages 12, XP055297935
• TÖRNBLOM, S.: "Undermatching Butt Welds in High Strength Steel", MASTER THESIS, 2007, pages 1 - 99, XP055297944
• PIJPERS, R.J.M. ET AL., ADVANCED STEEL CONSTRUCTION, vol. 5, no. 1, March 2009 (2009-03-01), pages 14 - 32, XP055297951

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EP 2012063515 W 20120710; CN 201280034223 A 20120710; EP 12735134 A 20120710