

Title (en)
DEVICE FOR THE CONTINUOUS LENGTHENING OF A METAL STRIP BY TRACTION

Title (de)
VORRICHTUNG ZUM KONTINUIERLICHEN ZUGRECKEN EINES METALLBANDES

Title (fr)
DISPOSITIF POUR L'ETIREMENT CONTINU PAR TRACTION D'UNE BANDE METALLIQUE

Publication
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Application
EP 05793007 A 20050919

Priority
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Abstract (en)
[origin: US2008047314A1] The invention relates to a device (1) for the continuous lengthening of a metal strip (2) by traction, said device comprising, in the strip transporting direction (R), at least three S-roll units (3, 4, 5, 6, 7) each provided with at least two rolls (8, 9 10, 11, 12, 13, 14, 15, 16, 17). According to the invention, the rolls (8, 9, 10, 11, 12, 13, 14, 15, 16, 17) are positioned in such a way that the metal strip (2) is wound round them at a roll periphery angle (a) of more than 180°, and at least the second S-roll unit (4) in the strip transporting direction (R) comprises two rolls (10, 11) with different-sized diameters (D₁₀, D₁₁).

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Citation (opposition)
Opponent :
• EP 0936954 B1 20000726 - KAMPF GMBH & CO [DE]
• EP 1245301 A2 20021002 - BWG BERGWERK WALZWERK [DE]
• DE 3636707 C2 19920702
• EP 1479460 A1 20041124 - BWG BERGWERK WALZWERK [DE]

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WO 2006037456 A1 20060413; AT E401975 T1 20080815; AU 2005291607 A1 20060413; BR PI0514028 A 20080527; CA 2574710 A1 20060413; CN 100531949 C 20090826; CN 101018625 A 20070815; DE 102004048658 A1 20060420; DE 502005004833 D1 20080904; EP 1796858 A1 20070620; EP 1796858 B1 20080723; EP 1796858 B2 20141119; ES 2308552 T3 20081201; JP 2008515637 A 20080515; KR 20070051830 A 20070518; MX 2007004092 A 20070807; MY 139051 A 20090828; PL 1796858 T3 20090130; RU 2007103836 A 20070810; RU 2344894 C2 20090127; TW 200621395 A 20060701; TW I332867 B 20101111; US 2008047314 A1 20080228

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