

Title (en)

AUSTENITIC STAINLESS STEEL STRIP HAVING A BRIGHT SURFACE FINISH AND EXCELLENT MECHANICAL PROPERTIES

Title (de)

BAND AUS AUSTENITISCHEM NICHTROSTENDEM STAHL MIT GLÄNZENDEM OBERFLÄCHENFINISH UND HERVORRAGENDEN MECHANISCHEN EIGENSCHAFTEN

Title (fr)

BANDE EN ACIER INOXYDABLE AUSTENITIQUE PRESENTANT UN ASPECT DE SURFACE BRILLANT ET D'EXCELLENTE CARACTERISTIQUES MECANIQUE.

Publication

EP 1899490 B1 20081210 (FR)

Application

EP 06743665 A 20060406

Priority

- FR 2006000785 W 20060406
- EP 05291384 A 20050628
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Abstract (en)

[origin: EP1739200A1] Austenitic stainless steel strip comprises (by %.wt): 0.025 = carbon = 0.15; 0.20 = silicon = 1.0; 0.50 = manganese = 2.0; 6.0 = nickel = 12.0; 16.0 = chromium = 20.0; molybdenum = 3.0; 0.030 = nitrogen = 0.16; copper = 0.50; phosphorus = 0.50; sulfur = 0.015; possibly 0.10 = vanadium (V) and 0.03 = niobium (Nb) = 0.50, with 0.10 = Nb + V = 0.50; remainder being iron and production impurities, of which the average grain size of the austenite is less than or equal to 4 μ m and the surface has a brilliance greater than 50. An independent claim is also included for the continuous fabrication of the austenitic stainless steel strip.

IPC 8 full level

C22C 38/44 (2006.01); **C21D 8/04** (2006.01); **C21D 9/48** (2006.01); **C22C 38/42** (2006.01); **C22C 38/46** (2006.01); **C22C 38/58** (2006.01); **C23G 1/08** (2006.01); **C25F 1/06** (2006.01)

CPC (source: EP KR US)

C21D 8/02 (2013.01 - KR); **C21D 8/0205** (2013.01 - EP US); **C22C 38/001** (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/40** (2013.01 - KR); **C22C 38/42** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/46** (2013.01 - EP US); **C22C 38/48** (2013.01 - EP US); **C25F 1/06** (2013.01 - EP US)

Cited by

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