

Title (en)
Improved ferritic stainless steel and articles produced therewith

Title (de)
Ferritisch rostfreier Stahl und dessen Erzeugnisse

Title (fr)
Acier ferritique inoxydable et des articles

Publication
EP 0936280 B1 20030502 (EN)

Application
EP 99103043 A 19990216

Priority
IT RM980092 A 19980217

Abstract (en)
[origin: EP0936280A2] In the group of AISI 436 LI ferritic stainless steels, a narrow composition is proposed in which specifically selected alloying elements as well as a Ti and Nb stabilisation, consent to obtain a monophasic product apt to a plurality of uses, being provided with high formability and weldability characteristics, good resistance to corrosion, also localised and in acid condenses, good resistance to oxidation at high temperatures, to thermal shock and to thermal fatigue, good polishability and absence of aligned superficial defects.

IPC 1-7
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IPC 8 full level
C22C 38/20 (2006.01); **C22C 38/22** (2006.01); **C22C 38/26** (2006.01); **C22C 38/28** (2006.01)

CPC (source: EP)
C22C 38/20 (2013.01); **C22C 38/22** (2013.01); **C22C 38/26** (2013.01); **C22C 38/28** (2013.01)

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JP2017148858A; JP2017148857A; US8349094B2; US11384405B2; WO2008092640A1

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