

Title (en)
AUSTENO-FERRITIC STAINLESS STEEL

Publication
EP 0337846 B1 19930526 (FR)

Application
EP 89400888 A 19890330

Priority
FR 8805045 A 19880415

Abstract (en)
[origin: EP0337846A1] Austeno-ferritic stainless steel alloy having good corrosion resistance and a machinability index comprising a low content of molybdenum and a high content of copper dissolved by heat treatment of the alloy above 900 DEG C, the composition being the following: C < 0.06 % by weight Si < 1.2 Mn < 3 21 < Cr < 25 3 < Ni < 6 0.06 < N < 0.3 Mo < 1 1 < Cu < 3.5 the remainder being iron. The composition is balanced to obtain between 30 and 70% of ferrite to austenite.

IPC 1-7
C22C 38/42

IPC 8 full level
C22C 38/42 (2006.01)

CPC (source: EP)
C22C 38/42 (2013.01)

Cited by
EP1061151A1; EP2199421A4; US5672215A; EP0750053A4; EP1715073A4; US6344094B1; WO2009048137A1; US8540933B2

Designated contracting state (EPC)
AT DE IT SE

DOCDB simple family (publication)
EP 0337846 A1 19891018; EP 0337846 B1 19930526; AT E89874 T1 19930615; CA 1340030 C 19980908; DE 68906708 D1 19930701; DE 68906708 T2 19930916; FI 891783 A0 19890414; FI 891783 A 19891016; FI 93126 B 19941115; FI 93126 C 19950227; FR 2630132 A1 19891020; FR 2630132 B1 19900824

DOCDB simple family (application)
EP 89400888 A 19890330; AT 89400888 T 19890330; CA 596675 A 19890414; DE 68906708 T 19890330; FI 891783 A 19890414; FR 8805045 A 19880415