

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; US5672215A; EP0750053A4; EP2199421A4; EP1715073A4; US6344094B1; US8540933B2; WO2009048137A1

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

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**EP 89400888 A 19890330**; AT 89400888 T 19890330; CA 596675 A 19890414; DE 68906708 T 19890330; FI 891783 A 19890414; FR 8805045 A 19880415