

Title (en)
STAINLESS WROUGHT AND CAST ALLOYS, AND WELDING ADDITIVES FOR PARTS CONTACTED BY CONCENTRATED HOT SULFURIC ACID

Publication
EP 0378998 B1 19930623 (DE)

Application
EP 90100125 A 19900104

Priority
DE 3901028 A 19890114

Abstract (en)
[origin: EP0378998A1] Iron-chromium-nickel-silicon alloys containing 13-32% by weight of Cr, 5-25% by weight of Ni and 4-9% by weight of Si and having a microstructure which contains more than 10% of delta-ferrite are highly resistant to hot concentrated sulphuric acid and can be used for structural components in contact therewith.

IPC 1-7
C22C 38/40

IPC 8 full level
C22C 38/00 (2006.01); **C22C 38/40** (2006.01)

CPC (source: EP KR US)
C22C 38/00 (2013.01 - KR); **C22C 38/34** (2013.01 - KR); **C22C 38/40** (2013.01 - EP KR US)

Citation (examination)

- Peckner/Bernstein, HANDBOOK OF STAINLESS STEEL, McGraw Hill, 1977; Seiten 14.4-14.7#
- HANDBUCH SCHWEISSZUSATZWERKSTOFFE, 1981/82, Messer Griesheim; Seite 176#
- CHEMIE ING. TECHN., Heft 18, 1969; Seiten 991-999#

Cited by
EP0876995A1; DE19719394C1; EP0516955A1; EP0566950A1; US5306477A; EP0615950A1; DE4308151A1

Designated contracting state (EPC)
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