

Title (en)

Corrosion resisting alloy and corrosion resisting member.

Title (de)

Korrosionsbeständige Legierung und korrosionsbeständige Gegenstände.

Title (fr)

Alliage résistant à la corrosion et article résistant à la corrosion.

Publication

EP 0303957 A1 19890222 (EN)

Application

EP 88112984 A 19880810

Priority

- JP 923388 A 19880119
- JP 20057787 A 19870811

Abstract (en)

A corrosion resisting Ni-base alloy containing 38 to 50 wt% Cr, 0.1 to 2 wt% of at least one of Mo and W, 0 to 2 wt% Cu, 0 to 3 wt% Zr, 0 to 3 wt% Nb, 0 to 3 wt% Ta, 0 to 3 wt% Hf, 0 to 0.01 wt% Ca, 0 to 0.01 wt% of Y and other rare-earth elements, 0 to 0.05 wt% C, and 0 to 0.04 wt% N. The alloy can be subjected to plastic working such as rolling, wire stretching, drawing or the like. The alloy can be used in a dipping equipment such as a dipping bath or a bucket, in agitating members within the dipping bath, and further in pipes, valves, pump components and electrode members used in a corrosive atmosphere.

IPC 1-7

C22C 19/05

IPC 8 full level

C22C 19/05 (2006.01); **C22C 27/06** (2006.01); **C22C 30/00** (2006.01)

CPC (source: EP)

C22C 19/052 (2013.01)

Citation (search report)

- [X] SU 450844 A1 19741125
- [X] GB 1383995 A 19740212 - INT NICKEL LTD
- [X] US 2809139 A 19571008 - BLOOM DAVID S, et al
- [X] GB 1470911 A 19770421 - VNI I PI T KHIM KOGO I NEFTYAN
- [A] GB 1532851 A 19781122 - POMPEY ACIERIES
- [A] GB 459848 A 19370111 - WILLIAM THOMAS GRIFFITHS, et al
- [A] GB 451601 A 19360807 - HERAEUS VACUUMSCHMELZE AG

Cited by

CN112553517A; WO9718340A1; US7485199B2

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

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