

Title (en)  
CORROSION RESISTANT NICKEL BASE ALLOY

Publication  
**EP 0091308 B1 19870930 (EN)**

Application  
**EP 83301891 A 19830405**

Priority  
US 36577982 A 19820405

Abstract (en)  
[origin: EP0091308A2] A nickel base alloy is provided having excellent hot and cold workability and superior corrosion resistance to a variety of media including deep sour gas well environments. The alloy consists essentially of 27 to 33% by weight of chromium, 8 to 12% by weight of molybdenum, 0 to 4% by weight of tungsten, up to 1.5% by weight iron, up to 12% by weight of cobalt, up to 0.15% by weight of carbon, up to 1.5% by weight of aluminium, up to 1.5% by weight of titanium, up to 2% by weight of columbium, and the balance nickel.

IPC 1-7  
**C22C 19/05**

IPC 8 full level  
**C22C 19/05** (2006.01)

CPC (source: EP KR)  
**C22C 19/05** (2013.01 - KR); **C22C 19/053** (2013.01 - EP)

Cited by  
CN104745882A; CN115418529A; GB2390855B; US8414828B2; WO2007023797A1

Designated contracting state (EPC)  
AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0091308 A2 19831012; EP 0091308 A3 19840905; EP 0091308 B1 19870930**; AR 231149 A1 19840928; AT E30050 T1 19871015; AU 1312283 A 19831013; AU 566664 B2 19871029; BR 8301735 A 19831213; CA 1211961 A 19860930; DE 3373921 D1 19871105; GB 2117793 A 19831019; GB 2117793 B 19860416; IN 157179 B 19860201; JP H059503 B2 19930205; JP S58204145 A 19831128; KR 840004180 A 19841010; KR 900007118 B1 19900929; MX 7543 E 19890906; ZA 832119 B 19840425

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**EP 83301891 A 19830405**; AR 29256383 A 19830329; AT 83301891 T 19830405; AU 1312283 A 19830331; BR 8301735 A 19830405; CA 425207 A 19830405; DE 3373921 T 19830405; GB 8309141 A 19830405; IN 369CA1983 A 19830326; JP 5882283 A 19830405; KR 830001288 A 19830330; MX 1057583 U 19830405; ZA 832119 A 19830325