

Title (en)  
Nickel-chrome-iron alloy.

Title (de)  
Nickel-Chrom-Eisen-Legierung.

Title (fr)  
Compositions d'alliages nickel-chrome-fer.

Publication  
**EP 0073685 A1 19830309 (EN)**

Application  
**EP 82304610 A 19820902**

Priority  
US 29859181 A 19810902

Abstract (en)  
Disclosed are heat resisting alumina-forming, nickel-based austenitic alloys having superior oxidation and carburization resistance, superior creep strength, good high temperature ductility, and good microstructural stability, which alloys consist essentially of (in % by weight): <IMAGE>

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

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

CPC (source: EP)  
**C22C 19/055** (2013.01)

Citation (search report)

- [Y] FR 2284683 A1 19760409 - CABOT CORP [US]
- [Y] FR 2313454 A1 19761231 - GEN ELECTRIC [US]
- [A] DE 734745 C 19430429 - HERAEUS VACUUMSCHMELZE AG
- [A] FR 1251688 A 19610120 - THOMSON HOUSTON COMP FRANCAISE
- [A] FR 1577674 A 19690808
- [A] US 4077801 A 19780307 - HEYER BRUCE A, et al

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Designated contracting state (EPC)  
DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0073685 A1 19830309; EP 0073685 B1 19860122**; AU 547863 B2 19851107; AU 8789082 A 19830310; CA 1196805 A 19851119; DE 3268674 D1 19860306; JP S5873739 A 19830504

DOCDB simple family (application)  
**EP 82304610 A 19820902**; AU 8789082 A 19820901; CA 410627 A 19820901; DE 3268674 T 19820902; JP 15335182 A 19820902