

Title (en)

Alloy, protective layer and component

Title (de)

Legierung, Schutzschicht und Bauteil

Title (fr)

Alliage, couche de protection et composant

Publication

EP 1790746 A1 20070530 (DE)

Application

EP 05025683 A 20051124

Priority

EP 05025683 A 20051124

Abstract (en)

A cobalt alloy comprises (wt.%): nickel (9-11); chromium (22-24); aluminum (11-13); rhenium (1.5-3.5); yttrium, scandium or rare earth metal (0.5-0.7); and cobalt (to 100). Independent claims are also included for the following: (1) a protective layer for protecting a part against corrosion and/or oxidation, especially at high temperatures, comprising an alloy as above; (2) a part, especially of a gas turbine, with a protective layer as above.

IPC 8 full level

C22C 19/07 (2006.01); **C22C 30/00** (2006.01)

CPC (source: EP)

C22C 19/07 (2013.01); **C23C 4/134** (2016.01); **C23C 28/3215** (2013.01); **C23C 28/3455** (2013.01); **F01D 5/288** (2013.01)

Citation (applicant)

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