

Title (en)

Permanent magnet alloy for elevated temperature applications.

Title (de)

Permanente Magnetlegierung für Anwendungen bei höherer Temperatur.

Title (fr)

Alliage pour aimant permanent pour applications à haute température.

Publication

EP 0277416 A2 19880810 (EN)

Application

EP 87310200 A 19871119

Priority

US 1073887 A 19870204

Abstract (en)

A permanent magnet alloy comprises R₂Fe₁₄B, wherein, R is a combination of rare earth elements consisting essentially of, in atomic percent, neodymium 1 to 11 and balance holmium. The alloy may include optional additions of the rare earth elements gadolinium up to 10%, perbium up to 15%, dysprosium up to 16%, erbium up to 18% and thulium up to 13%.

IPC 1-7

H01F 1/04

IPC 8 full level

C22C 38/00 (2006.01); **H01F 1/053** (2006.01); **H01F 1/057** (2006.01)

CPC (source: EP)

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Cited by

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DOCDB simple family (publication)

EP 0277416 A2 19880810; **EP 0277416 A3 19900516**; JP S63195246 A 19880812

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EP 87310200 A 19871119; JP 2143088 A 19880202