

Title (en)  
Permanent magnet alloy.

Title (de)  
Dauermagnetlegierung.

Title (fr)  
Alliage d'aimant permanent.

Publication  
**EP 0185439 A1 19860625 (EN)**

Application  
**EP 85306148 A 19850830**

Priority  
US 67973984 A 19841210

Abstract (en)  
A permanent magnet alloy consisting of, in weight percent, 1 to 10 dysprosium, 20 to 37 neodymium, with the total dysprosium and neodymium content being within the range of 30 to 38, 0.8 to 1.33 boron and balance iron and impurities usual in metal alloys. This alloy is characterized by high resistance to demagnetization at elevated temperatures with the alloy content being of relatively low cost.

IPC 1-7  
**H01F 1/14**

IPC 8 full level  
**C22C 38/00** (2006.01); **H01F 1/057** (2006.01); **H01F 1/14** (2006.01)

CPC (source: EP)  
**C22C 38/00** (2013.01); **H01F 1/057** (2013.01)

Citation (search report)  
ES 8504404 A3 19850416 - PROYECTOS MAGNETICOS S A PROMA [ES]

Cited by  
US6627102B2; EP0254251A3; EP0277416A3

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

DOCDB simple family (publication)  
**EP 0185439 A1 19860625; EP 0185439 B1 19890607**; AT E43932 T1 19890615; CA 1273231 A 19900828; DE 3570942 D1 19890713; JP S61139641 A 19860626

DOCDB simple family (application)  
**EP 85306148 A 19850830**; AT 85306148 T 19850830; CA 488736 A 19850814; DE 3570942 T 19850830; JP 19872185 A 19850910