

Title (en)

METHOD FOR THE MANUFACTURE OF A RARE EARTH ELEMENT (RE)-Fe-B PERMANENT MAGNET

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SE-Fe-B-DAUERMAGNETEN

Title (fr)

PROCEDE DE PRODUCTION D'UN AIMANT PERMANENT CONSTITUE D'UN ELEMENT DES TERRES RARES, DE Fe ET DE B

Publication

**EP 0923781 B1 20011205 (DE)**

Application

**EP 97939966 A 19970819**

Priority

- DE 9701787 W 19970819
- DE 19636283 A 19960906

Abstract (en)

[origin: DE19636283A1] Disclosed is a new mixture of binding alloys for the manufacture of SE<sub>2</sub>Fe<sub>14</sub>B permanent magnets, which are composed of SE<sub>6</sub>(Fe,Co)<sub>13-x</sub>Ga<sub>1+x</sub> and SE<sub>2</sub>Co<sub>3</sub>.

IPC 1-7

**H01F 1/057**

IPC 8 full level

**B22F 1/00** (2006.01); **B22F 3/00** (2006.01); **C22C 33/02** (2006.01); **C22C 38/00** (2006.01); **H01F 1/053** (2006.01); **H01F 1/057** (2006.01)

CPC (source: EP KR)

**H01F 1/057** (2013.01 - KR); **H01F 1/0577** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 19636283 A1 19980312**; DE 59705687 D1 20020117; EP 0923781 A1 19990623; EP 0923781 B1 20011205; JP 2000503811 A 20000328; JP 3145417 B2 20010312; KR 20000068481 A 20001125; WO 9810438 A1 19980312

DOCDB simple family (application)

**DE 19636283 A 19960906**; DE 59705687 T 19970819; DE 9701787 W 19970819; EP 97939966 A 19970819; JP 51210498 A 19970819; KR 19997001878 A 19990305