

Title (en)

Preparation process of an oriented and textured magnetic body.

Title (de)

Herstellungsverfahren eines ausgerichteten und strukturierten Körpers.

Title (fr)

Procédé de préparation d'un corps magnétique orienté et texturé.

Publication

**EP 0448482 A1 19910925 (FR)**

Application

**EP 91420091 A 19910319**

Priority

FR 9003922 A 19900322

Abstract (en)

The present invention concerns a preparation process of an oriented and textured magnetic body, comprising the following steps: a) preparing a composition at a temperature such that it comprises crystallites of the body in the presence of a liquid, b) subjecting the composition to a magnetic force producing a sedimentation of the crystallites, c) cooling, in the presence of the magnetic force, while applying a temperature gradient appropriate for promoting the development of a desired texture in the sedimentation zone.

IPC 1-7

**B22D 27/02**

IPC 8 full level

**C01G 3/00** (2006.01); **B22D 27/02** (2006.01); **C01B 35/04** (2006.01); **C01G 1/00** (2006.01); **C22C 38/00** (2006.01); **H01F 1/055** (2006.01); **H01F 1/057** (2006.01); **H01F 41/02** (2006.01); **H01F 41/28** (2006.01)

CPC (source: EP US)

**B22D 27/02** (2013.01 - EP US); **H01F 1/055** (2013.01 - EP US); **H01F 1/057** (2013.01 - EP US); **Y10S 505/729** (2013.01 - EP US)

Citation (search report)

- [A] FR 2211308 A1 19740719 - SUMITOMO METAL IND [JP]
- [A] GB 977596 A 19641209 - GRACE W R & CO
- [Y] PATENT ABSTRACTS OF JAPAN vol. 7, no. 29 (M-191)(1174) 5 février 1983, & JP-A-57 184572 (HITACHI LTD.) 13 novembre 82,
- [Y] JOURNAL DE PHYSIQUE.Colloque C1 vol. 45, no. 1, janvier 1984, PARIS FR pages 763 - 766; R. van Kleef et Al.: "CONTINUOUS FLOW SEPARATION,AN APPLICATION OF SELECTIVE MAGNETOSEDIMENTATION"

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DE4418750C2

Designated contracting state (EPC)

DE GB IT NL SE

DOCDB simple family (publication)

**EP 0448482 A1 19910925**; **EP 0448482 B1 19951102**; CA 2038639 A1 19910923; DE 69114160 D1 19951207; DE 69114160 T2 19960627; FR 2660107 A1 19910927; FR 2660107 B1 19940729; JP 2986942 B2 19991206; JP H07235438 A 19950905; US 5168096 A 19921201

DOCDB simple family (application)

**EP 91420091 A 19910319**; CA 2038639 A 19910319; DE 69114160 T 19910319; FR 9003922 A 19900322; JP 5883291 A 19910322; US 67365491 A 19910321