

Title (en)

Thermoplastic moulding composition, process of its prouction and use thereof

Title (de)

Thermoplastisch verarbeitbare Formmasse, Verfahren zur Herstellung einer thermoplastisch verarbeitbaren Formmasse und Verwendung derselben

Title (fr)

Composition de résine thermoplastique, procédé de sa fabrication et utilisation de cette composition

Publication

**EP 0849746 B1 20021218 (DE)**

Application

**EP 97121423 A 19971205**

Priority

DE 19653178 A 19961219

Abstract (en)

[origin: EP0849746A1] Thermoplastic moulding materials (M) comprise a two-phase matrix (A) and a homogeneous distribution of at least 30 vol.% permanently magnetic or magnetisable metal compound and/or metal alloy filler (B). (A) comprises the following components : (A1) 70-99 wt.% partially aromatic copolyamide with a m.pt. greater than 280 degrees C and an aliphatic dicarboxylic acid content less than 50 mol.% (with respect to all acid monomers) ; (A2) 1-30 wt.% aliphatic (co)polyamide containing at least 10 -CH<sub>2</sub>- groups per -CONH- group ; and (A3) 0-10 wt. % additives affecting properties and/or processing. Also claimed are (i) the preparation of (M) and (ii) the use of (M) for the preparation of moulded articles.

IPC 1-7

**H01F 1/057**; H01F 1/055; H01F 1/08; C08L 77/00; C08K 3/08

IPC 8 full level

**C08J 3/12** (2006.01); **C08K 3/08** (2006.01); **C08K 3/10** (2006.01); **C08K 5/17** (2006.01); **C08L 77/00** (2006.01); **H01F 1/055** (2006.01); **H01F 1/057** (2006.01); **H01F 1/08** (2006.01)

CPC (source: EP US)

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