

Title (en)

MARKING MEANS, METHOD OF MANUFACTURE AND THEIR USE IN MARKING EXPLOSIVES

Publication

EP 0085414 B1 19860326 (DE)

Application

EP 83100815 A 19830128

Priority

DE 3203373 A 19820202

Abstract (en)

[origin: EP0085414A1] 1. A tracer (marking agent) containing a) at least 1 per cent by weight of iron powder and/or powder of a ferromagnetic alloy and at least two of the following groups of substances : b) fluorescent pigments ; c) organic solvent-soluble, water-insoluble fluorescent materials ; d) colorant pigments ; e) sparingly soluble and heat-stable oxides and/or salts of rarer metals ; f) oxides and/or sparingly soluble salts of rare-earth metals ; in microanalytically well detectable amounts in the form of a homogeneous mixture with a thermoplastic material, characterized in that the thermoplastically processable material is a high molecular weight synthetic materials having a low water absorption capacity, a high specific heat capacity, a low thermal conductivity, and a low specific gravity, more specifically a synthetic material selected from the group consisting of polyethylenes, polypropylenes, polyamides, polycarbonates, polyesters, polyoxymethylenes and acrylonitrile-butadiene-styrene copolymers.

IPC 1-7

G09F 3/00; **C06B 23/00**

IPC 8 full level

C06B 23/00 (2006.01); **C08K 3/00** (2006.01); **C08K 3/02** (2006.01); **C08K 3/08** (2006.01); **C08K 5/00** (2006.01); **C08L 7/00** (2006.01); **C08L 21/00** (2006.01); **C08L 23/00** (2006.01); **C08L 51/00** (2006.01); **C08L 51/02** (2006.01); **C08L 67/00** (2006.01); **C08L 77/00** (2006.01); **C08L 101/00** (2006.01); **G09F 3/00** (2006.01)

CPC (source: EP)

C06B 23/008 (2013.01); **G09F 3/00** (2013.01)

Cited by

DE102008058177A1; RU2607665C1; RU2609921C2; US4654165A; DE102017103780A1; FR2556867A1; DE102019219469A1; EP0118667A1; AU570025B2; WO9846544A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0085414 A1 19830810; **EP 0085414 B1 19860326**; AT E18818 T1 19860415; AU 1088383 A 19830811; AU 554601 B2 19860828; BR 8300481 A 19831101; CA 1209341 A 19860812; DE 3362645 D1 19860430; ES 519436 A0 19860201; ES 8604475 A1 19860201; FI 74699 B 19871130; FI 74699 C 19880310; FI 830348 A0 19830201; FI 830348 L 19830803; IE 830195 L 19830802; IL 67767 A 19860131; JP S58161989 A 19830926; NO 830327 L 19830803; PT 76165 A 19830201; ZA 83613 B 19831130

DOCDB simple family (application)

EP 83100815 A 19830128; AT 83100815 T 19830128; AU 1088383 A 19830201; BR 8300481 A 19830201; CA 420563 A 19830131; DE 3362645 T 19830128; ES 519436 A 19830201; FI 830348 A 19830201; IE 19583 A 19830201; IL 6776783 A 19830128; JP 1536083 A 19830201; NO 830327 A 19830201; PT 7616583 A 19830128; ZA 83613 A 19830131