

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

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