

Title (en)

Resin compositions for laser marking.

Title (de)

Harzzusammensetzungen für Laserbeschriftung.

Title (fr)

Compositions à base de résines pour marquage par laser.

Publication

**EP 0566312 A1 19931020 (EN)**

Application

**EP 93302756 A 19930407**

Priority

JP 12102892 A 19920416

Abstract (en)

A resin composition for laser marking, comprises : [A] a thermoplastic resin, and [B] one or more compounds selected from the group consisting of tetrazole compounds, and also sulfonylhydrazide compounds, nitroso compounds and azo compounds having a decomposition temperature of 210 DEG C or more and optionally a flame-retarding agent. Clear, secure markings can be easily applied in a short time to these resin compositions.

IPC 1-7

**B41M 1/30**; **B41M 5/24**

IPC 8 full level

**B23K 26/00** (2014.01); **B41M 5/26** (2006.01); **C08K 5/22** (2006.01); **C08K 5/23** (2006.01); **C08K 5/32** (2006.01); **C08K 5/3472** (2006.01); **C08K 5/3475** (2006.01); **C08K 5/43** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP)

**B41M 5/267** (2013.01)

Citation (search report)

- [X] EP 0190997 B1 19911009
- [X] US 4032691 A 19770628 - KIDO KEISHIRO, et al
- [X] DE 8210186 U1 19871001
- [X] PATENT ABSTRACTS OF JAPAN vol. 12, no. 96 (C-484)29 March 1988 & JP-A-62 227 955 ( TOSHIBA CORPORATION ) 6 October 1987

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CN104349887A; EP0680831A1; BE1008341A3; US9168696B2; US9209443B2; WO2013183000A1; US9662833B2; US10639851B2; US6310135B1; US6734248B2; US6743851B2; EP0822229B1; EP0572178B1

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