

Title (en)

METHOD FOR THE MANUFACTURE OF A COLOURED MARK

Title (de)

AUFZEICHNUNGSVERFAHREN EINER GEFÄRBTEN BESCHRIFTUNG

Title (fr)

PROCEDE DE FABRICATION D'UNE MARQUE COLOREE

Publication

EP 0828613 B1 19991222 (EN)

Application

EP 96915217 A 19960508

Priority

- NL 9600197 W 19960508
- NL 1000331 A 19950510

Abstract (en)

[origin: WO9635585A1] The invention relates to a method for the manufacture of an object with a coloured mark, by irradiating the surface of the object with laser light in the shape of the mark, with the object, in at least the area where the mark is applied, consisting of a plastic composition which contains at least three colour-forming components that lose their colour-forming capacity under the influence of laser light, which are chosen so and are present in such a concentration that at every wavelength between 400 and 700 nanometres at least a portion of the amount of incident light is absorbed, one or more colours being chosen for the mark, the wavelength of the laser light subsequently being set to a value that is dependent on the chosen colour and the surface of the object subsequently being irradiated with the laser light.

IPC 1-7

B41M 5/26

IPC 8 full level

B41M 5/26 (2006.01)

CPC (source: EP)

B41M 5/267 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9635585 A1 19961114; AT E187934 T1 20000115; AU 5703996 A 19961129; DE 69605788 D1 20000127; DE 69605788 T2 20000803; EP 0828613 A1 19980318; EP 0828613 B1 19991222; ES 2142063 T3 20000401; JP H11504879 A 19990511; NL 1000331 C2 19961112

DOCDB simple family (application)

NL 9600197 W 19960508; AT 96915217 T 19960508; AU 5703996 A 19960508; DE 69605788 T 19960508; EP 96915217 A 19960508; ES 96915217 T 19960508; JP 53396496 A 19960508; NL 1000331 A 19950510