

Title (en)

HEAT-SENSITIVE RECORDING SHEET AND USE OF THE SAME

Title (de)

WÄRMEEMPFINDLICHER AUFZEICHNUNGSBOGEN UND SEINE VERWENDUNG

Title (fr)

FEUILLE DE REPRODUCTION THERMOSENSIBLE ET SON UTILISATION

Publication

EP 1333991 B1 20040818 (DE)

Application

EP 01983538 A 20011009

Priority

- DE 10051294 A 20001016
- EP 0111677 W 20011009

Abstract (en)

[origin: DE10051294C1] Thermographic material, has protective coating of water-insoluble, self-crosslinking acrylic polymer and crosslinker pigmented (mainly) with highly purified, alkali-treated bentonite. In thermographic sheet with a substrate, a thermographic layer containing a color coupler and acceptor and a protective coating containing binder (I), crosslinker (II) and pigment, this coating contains inorganic pigment(s) (III), including ≥ 80 wt.% highly purified alkali-treated bentonite (IIIA); (I) consists of water-insoluble, self-crosslinking acrylic polymer(s); the (I)/(III) ratio is 7:1 to 1:9; the (II).(I) ratio is over 1:5; and has a smoothness of ≥ 900 Bekk seconds.

IPC 1-7

B41M 5/40; **G09F 3/02**

IPC 8 full level

B42D 25/27 (2014.01); **B41M 5/28** (2006.01); **B41M 5/30** (2006.01); **B41M 5/337** (2006.01); **B41M 5/40** (2006.01); **B41M 5/42** (2006.01); **B42D 25/305** (2014.01); **B42D 25/333** (2014.01); **B42D 25/36** (2014.01); **G09F 3/02** (2006.01)

CPC (source: EP US)

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