

Title (en)

Thermal image-forming process

Title (de)

Wärmeempfindliches Bildaufzeichnungsverfahren

Title (fr)

Procédé thermique pour former des images

Publication

EP 0775592 B1 20020911 (EN)

Application

EP 96203125 A 19961108

Priority

- EP 96203125 A 19961108
- EP 95203244 A 19951127

Abstract (en)

[origin: EP0775592A1] A thermal image forming process comprising the steps of: (i) bringing an outermost layer of a recording material comprising at least one thermosensitive element, comprising a substantially light-insensitive silver salt and a reducing agent therefor in thermal working relationship therewith, on a support into contact with a heat source; (ii) applying heat from the heat source imagewise to the recording material while maintaining mutual contact to but with relative movement between the recording material and the heat source; and (iii) separating the recording material from the heat source, characterized in that the dynamic frictional coefficient during the contact between the outermost surface of the recording material and the heat source has a maximum value of less than 0.3. The outermost layer in contact with the heat source may be the outermost layer of the thermosensitive element, a protective layer applied to the thermosensitive element or a layer on the opposite side of the support to the thermosensitive element.

IPC 1-7

B41M 5/38; G03C 8/40; G03C 1/498

IPC 8 full level

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Citation (examination)

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- DE 3019591 A1 19801204 - KANZAKI PAPER MFG CO LTD
- WO 9414618 A1 19940707 - AGFA GEVAERT NV [BE], et al

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