

Title (en)

Process for producing a thermosensitive paper

Title (de)

Verfahren zum Herstellen von thermosensitivem Papier

Title (fr)

Procédé pour la fabrication d'un papier thermique

Publication

EP 1736321 A1 20061227 (DE)

Application

EP 06111373 A 20060320

Priority

DE 102005028822 A 20050622

Abstract (en)

In a process to manufacture temperature-sensitive paper, a temperature-sensitive coating is applied to the paper by a non-contact curtain coater. The temperature-sensitive coating is then rendered smooth by a wide-nip calender operating at an average pressure of at least 3.5 Mpa. The wide nip has a length of 30 to 150 mm and operates at a temperature up to 80[deg]C and a line load of at least 250 N/mm. No further moisture is applied to the paper web between the curtain coater and calender.

IPC 8 full level

B41M 5/30 (2006.01)

CPC (source: EP)

B41M 5/30 (2013.01)

Citation (search report)

- [PX] WO 2005123411 A1 20051229 - KOEHLER AUGUST PAPIERFAB [DE], et al
- [X] US 4539225 A 19850903 - KOJIMA KAZUO [JP], et al
- [PX] EP 1593778 A1 20051109 - VOITH PAPER PATENT GMBH [DE]

Cited by

EP2157238A1; CN107100012A; EP2090694A1; WO2011088911A1

Designated contracting state (EPC)

AT DE FI IT

Designated extension state (EPC)

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DOCDB simple family (publication)

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