

Title (en)

Method for operating a calender and calender

Title (de)

Verfahren zum Betreiben eines Kalanders und Kalanders

Title (fr)

Procédé de fonctionnement d'une calandre et calandre

Publication

EP 1746205 A1 20070124 (DE)

Application

EP 06111430 A 20060321

Priority

DE 102005034060 A 20050721

Abstract (en)

A method for operating a calender with roller(s) heated by a heat transfer medium (HTM) and with a nip between the roller and a counter-element through which a sheet of material passes and is there subjected to elevated pressure and temperature, in which a first part of the heat is supplied to the roller by the HTM a second part is supplied by an inductive heater (IH) which is controlled on the basis of parameters related to paper type. An independent claim is included for a calender as above connected to an HTM supply system, with a heated roller (3) which has an IH (15) acting on its surface and connected to a control unit (19) in which values related to paper type are stored as parameters for controlling the heater (15).

IPC 8 full level

D21G 1/02 (2006.01)

CPC (source: EP)

D21G 1/0253 (2013.01); **D21G 1/0266** (2013.01); **D21G 1/028** (2013.01)

Citation (search report)

- [XY] US 2003209156 A1 20031113 - LINNONMAA PEKKA [FI], et al
- [Y] WO 8501532 A1 19850411 - VALMET OY [FI]

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AT DE FI IT

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DOCDB simple family (publication)

EP 1746205 A1 20070124; **EP 1746205 B1 20080402**; AT E391206 T1 20080415; DE 102005034060 A1 20070125; DE 502006000560 D1 20080515

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