

Title (en)
Calender

Title (de)
Kalander

Title (fr)
Calandre

Publication
EP 1688537 A1 20060809 (DE)

Application
EP 05111227 A 20051124

Priority
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Abstract (en)
The calender has at least two rollers which together form a nip and of which one is constructed as a heated roller which has an inductive heating unit. The heating unit (12) outside of the nip (7) acts upon an area of the heated roller (3) which in operation is covered by a material web (6) passing through the nip. The heating unit is installed in front of the nip, and has a deflection roller (10) which guides the material web in front of the heating unit onto the periphery of the heated roller.

IPC 8 full level
D21G 1/00 (2006.01)

CPC (source: EP)
D21G 1/00 (2013.01)

Citation (search report)

- [X] US 2002060005 A1 20020523 - MOHAN K KRISHNA [US], et al
- [A] EP 1314821 A2 20030528 - VOITH PAPER PATENT GMBH [DE]
- [A] EP 1426487 A1 20040609 - VOITH PAPER PATENT GMBH [DE]
- [A] WO 0040798 A1 20000713 - GOODYEAR TIRE & RUBBER [US], et al
- [A] DE 10216539 A1 20031030 - VOITH PAPER PATENT GMBH [DE]

Designated contracting state (EPC)
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EP 1688537 A1 20060809; EP 1688537 B1 20100217; AT E458086 T1 20100315; DE 102005005105 A1 20060810;
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