

Title (en)
Calender

Title (de)
Kalander

Title (fr)
Calandre

Publication
EP 1026318 A3 20010816 (DE)

Application
EP 00101412 A 20000125

Priority
DE 19904891 A 19990206

Abstract (en)
[origin: EP1026318A2] The calender assembly to process webs with a residual moisture content, such as paper, has a blower (13) to deliver dry air into the defined space (11) formed between the side columns, the stack of calender rollers and the web. The temp. of the blown air is set by a heater. At least one moisture sensor (15) and/or a temp. sensor (16) is within the defined space (11). The sensor signals are processed (14) to set the blown air data to prevent air saturation within the space (11), and generate control signals for the air blowing system, to maintain the air within the space (11) close to the saturation point. A unit to adjust the blown air volume. is at the blower (13), and an adjustment unit at the blower (13) sets the blown air temp.

IPC 1-7
D21G 1/00

IPC 8 full level
D21G 1/00 (2006.01)

CPC (source: EP US)
D21G 1/00 (2013.01 - EP US); **D21G 1/0093** (2013.01 - EP US)

Citation (search report)
[PA] DE 19929661 A1 20000113 - VALMET CORP [FI]

Cited by
DE112004002075B4; US6881301B2; WO2005049918A1; WO0175224A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1026318 A2 20000809; EP 1026318 A3 20010816; EP 1026318 B1 20040324; DE 19904891 C1 20000831; DE 50005755 D1 20040429; US 6694640 B1 20040224

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EP 00101412 A 20000125; DE 19904891 A 19990206; DE 50005755 T 20000125; US 49779700 A 20000204