

Title (en)

Calender and method for smoothing paper or cardboard webs

Title (de)

Kalander und Verfahren zum Glätten einer Papier- oder Kartonbahn

Title (fr)

Calandre et procédé pour le lissage de bandes de papier ou carton

Publication

**EP 1314819 B1 20060809 (DE)**

Application

**EP 02024341 A 20021102**

Priority

DE 10157687 A 20011124

Abstract (en)

[origin: EP1314819A2] The calender (1), to polish a paper web, has a nip (11) between a heated roller (3) and a rotating flexible mantle (5), which is pressed against a given surface segment of the heated roller by a support (7). An additional heated metal belt (15) is passed through the nip, to give a surface polishing zone between the belt and the roller, and to pass through the nip between the web (2) and the rotating mantle. The belt heater (16) is in front of the nip. A cooling unit (23) acts on the rotating mantle, after the nip.

IPC 8 full level

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CPC (source: EP)

**D21G 1/006** (2013.01); **D21G 1/0253** (2013.01)

Cited by

EP1811083A1; EP2546412A1; EP2119825A1; AT502000B1; AT502000A1; US8480858B2; WO2004106628A1; WO2009080872A1; WO2005054575A1

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