

Title (en)
Calender

Title (de)
Kalander

Title (fr)
Calandre

Publication
EP 1243694 B1 20040707 (DE)

Application
EP 01107146 A 20010322

Priority
EP 01107146 A 20010322

Abstract (en)
[origin: EP1243694A1] The calender roll assembly for a pressed paper web has an end preloaded roller stack each with an upper and lower end roller (3,4) and multiple intermediate rollers (6) mounted together in the stack plane. The rollers define working gaps as nips between hard and soft surface rollers. Each roller has a hard intermediate roller and softer end rollers of smaller diameter.

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)

Cited by
DE102005026109A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1243694 A1 20020925; EP 1243694 B1 20040707; AT E270728 T1 20040715; CA 2371664 A1 20020922; CA 2371664 C 20080422; CN 1221710 C 20051005; CN 1378009 A 20021106; DE 50102790 D1 20040812; JP 2002275783 A 20020925; JP 4010828 B2 20071121; US 2002134255 A1 20020926; US 6688218 B2 20040210

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EP 01107146 A 20010322; AT 01107146 T 20010322; CA 2371664 A 20020214; CN 02107796 A 20020322; DE 50102790 T 20010322; JP 2002043843 A 20020220; US 373901 A 20011114