

Title (en)
CALENDER

Title (de)
KALANDER

Title (fr)
CALANDRE

Publication
EP 2737126 B1 20180131 (DE)

Application
EP 12734950 A 20120712

Priority
• DE 102011052229 A 20110728
• EP 2012063692 W 20120712

Abstract (en)
[origin: WO2013013994A1] The invention relates to a calender (100) for treating a product web (1), comprising several rolls (2, 3, 4), wherein at least one hard roll (3) is provided, which together with two soft rolls (2, 4) forms two nips (5, 6), wherein the hard roll (3) is preferably heated, wherein the planes of action (7, 8) of the soft rolls (2, 4) with the hard roll (3) are located at an angle γ relative to one another, said angle being smaller than 180° .

IPC 8 full level
D21G 1/00 (2006.01); **D06C 15/02** (2006.01)

CPC (source: EP)
D21G 1/00 (2013.01); **D21G 1/004** (2013.01)

Cited by
WO2023237238A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011052229 A1 20130131; CN 103842587 A 20140604; CN 103842587 B 20170215; EP 2737126 A1 20140604;
EP 2737126 B1 20180131; EP 2913435 A1 20150902; EP 2913435 B1 20160622; WO 2013013994 A1 20130131

DOCDB simple family (application)
DE 102011052229 A 20110728; CN 201280035433 A 20120712; EP 12734950 A 20120712; EP 15160553 A 20120712;
EP 2012063692 W 20120712