

Title (en)
Calender roll and calender

Title (de)
Kalandерwalze und Kalandер

Title (fr)
Rouleau de calandre et calandre

Publication
EP 1712676 A1 20061018 (DE)

Application
EP 06111079 A 20060314

Priority
DE 102005016671 A 20050412

Abstract (en)
Calender roller (A) comprising a core and plastic layer (7) in which channels (10) for a coolant are arranged, has diameter 800-1600 mm, and (7) has, over the entire circumference, an approximately uniform rigidity and can bear stretching loads of at least 350 N/mm. An independent claim is included for a calender comprising (A) and a counter roller (3) that forms a nip with (A), where the diameter of (3) is smaller than that of (A).

IPC 8 full level
D21G 1/02 (2006.01)

CPC (source: EP)
D21G 1/0233 (2013.01); **D21G 1/0266** (2013.01)

Citation (search report)
• [X] US 3082683 A 19630326 - JUSTUS EDGAR J
• [X] US 3447600 A 19690603 - GREENE WILLIAM E
• [X] GB 1539990 A 19790207 - RAMISCH KLEINWEFERS KALANDER

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CN104160089A; WO2013117469A1

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AT DE FI IT

Designated extension state (EPC)
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EP 1712676 A1 20061018; EP 1712676 B1 20090520; AT E431875 T1 20090615; DE 102005016671 A1 20061019;
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