

Title (en)  
Extended nip calender

Title (de)  
Breitnip-Kalander

Title (fr)  
Calandre à pinçage allongé

Publication  
**EP 1445377 B1 20071114 (DE)**

Application  
**EP 03027128 A 20031126**

Priority  
DE 20300919 U 20030122

Abstract (en)  
[origin: EP1445377A1] A paper-making assembly has a drum with surrounding mantle, a shoe drum with press-shoe, and a counter-pressure face, together forming a wide-nip calender for a web. A dust-removal unit (11) is esp. located at the wide-nip (7) outlet (10). The dust-removal unit is a suction cleaner (12, 13) located in a slit between the web (8) and mantle (3). The suction head has an essentially triangular cross section with an upper perforated surface (14) directed to the web (8) and a perforated second face (15) directed towards the mantle (3). The assembly further has compressed air (26) dust removal units (21, 24) and brushes (22) operating in conjunction with suction cleaners (23, 27). An ionisation unit (20) is positioned before the dust removal units (21, 24).

IPC 8 full level  
**D21G 1/00** (2006.01); **D21G 3/02** (2006.01)

CPC (source: EP)  
**D21G 1/006** (2013.01)

Cited by  
CN108951264A; EP1772889A2

Designated contracting state (EPC)  
AT DE FI SE

DOCDB simple family (publication)  
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