

Title (en)  
Calender

Title (de)  
Kalander

Title (fr)  
Calandre

Publication  
**EP 1329550 A3 20050202 (DE)**

Application  
**EP 02028605 A 20021220**

Priority  
DE 10201349 A 20020116

Abstract (en)  
[origin: EP1329550A2] Each roll of the roll stack is supported with a supporting bracket. A hydraulic connection (17,18) is coupled to the upper and lower rolls (2,11) while a piston-cylinder arrangement (12) is coupled to the lower roll. A closed housing is arranged to enclose the connection arrangement.

IPC 1-7  
**D21G 1/00**; **D21G 5/00**

IPC 8 full level  
**D21G 1/00** (2006.01); **D21G 5/00** (2006.01)

CPC (source: EP US)  
**D21G 1/00** (2013.01 - EP US); **D21G 1/0073** (2013.01 - EP US); **D21G 5/005** (2013.01 - EP US)

Citation (search report)  
• [A] US 5651863 A 19970729 - VAN HAAG ROLF [DE], et al  
• [PA] WO 0235140 A1 20020502 - METSO PAPER INC [FI], et al & FI 4757 U1 20001218 - VALMET CORP [FI]

Cited by  
EP1902174A4

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

DOCDB simple family (publication)  
**EP 1329550 A2 20030723**; **EP 1329550 A3 20050202**; **EP 1329550 B1 20060809**; DE 10201349 A1 20030814; DE 10201349 B4 20051222; DE 50207780 D1 20060921; US 2003131738 A1 20030717; US 7013799 B2 20060321

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**EP 02028605 A 20021220**; DE 10201349 A 20020116; DE 50207780 T 20021220; US 34138803 A 20030114