

Title (en)
ROLL OF LOW-WEIGHT CONSTRUCTION AND METHOD FOR MANUFACTURE OF THE ROLL

Title (de)
WALZE MIT GERINGEM GEWICHT UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
ROULEAU DE CONSTRUCTION LEGERE ET PROCEDE DE FABRICATION DUDIT ROULEAU

Publication
EP 1023490 A1 20000802 (EN)

Application
EP 98947589 A 19981014

Priority
• FI 9800800 W 19981014
• FI 973953 A 19971014

Abstract (en)
[origin: WO9928552A1] The invention concerns a roll of low-weight construction for a paper or board machine or for a paper or board finishing device. The roll frame of the roll (10) comprises a cylindrical mantle (11) with thin walls and a core part (12), which fills said cylindrical mantle fully or at least partly and which has been made of a filler material that has a low weight but that endures loading in the press direction well. The invention also concerns a method for manufacture of the roll.

IPC 1-7
D21G 1/02

IPC 8 full level
F16C 13/00 (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)
D21G 1/0233 (2013.01); **D21G 1/0246** (2013.01)

Citation (search report)
See references of WO 9928552A1

Cited by
CN104583490A; DE102007016719A1

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

DOCDB simple family (publication)
WO 9928552 A1 19990610; AT E286172 T1 20050115; AU 9444998 A 19990616; CA 2305300 A1 19990610; DE 69828428 D1 20050203; DE 69828428 T2 20051208; EP 1023490 A1 20000802; EP 1023490 B1 20041229; FI 111473 B 20030731; FI 973953 A0 19971014; FI 973953 A 19990415; JP 2001525502 A 20011211

DOCDB simple family (application)
FI 9800800 W 19981014; AT 98947589 T 19981014; AU 9444998 A 19981014; CA 2305300 A 19981014; DE 69828428 T 19981014; EP 98947589 A 19981014; FI 973953 A 19971014; JP 2000523418 A 19981014