

Title (en)  
THERMO ROLL FOR A FIBER WEB MACHINE

Title (de)  
THERMOWALZE FÜR EINE FASERBAHNMASCHINE

Title (fr)  
ROULEAU THERMIQUE POUR UNE MACHINE DE FABRICATION D'UNE BANDE DE MATIÈRE FIBREUSE

Publication  
**EP 3929353 B1 20230510 (EN)**

Application  
**EP 20181925 A 20200624**

Priority  
EP 20181925 A 20200624

Abstract (en)  
[origin: EP3929353A1] The invention relates to a thermo roll. The thermo roll (12) includes a hollow roll body (13) having a plurality of grooves (14) on its outer surface (15). Each groove (14) extends from one end of the roll body (13) to another. In the roll body (13) there are axial bores (16) opening to the grooves (14). The thermo roll (12) also includes an axle stub (17), having conducts (18) extending to said axial bores (16), fixed to both end of the roll body (13) by a plurality of bolts (19). In addition, the thermo roll (12) also includes an outer jacket (21) friction fitted on the roll body (13) and the axle stubs (17) closing the grooves (14) as a plurality of channels (22) for heat transfer medium. Each axial bore (16) has an offset (23) opening to two adjacent grooves (14).

IPC 8 full level  
**D21G 1/02** (2006.01); **D21F 5/02** (2006.01)

CPC (source: CN EP)  
**D21F 5/021** (2013.01 - EP); **D21G 1/00** (2013.01 - CN); **D21G 1/02** (2013.01 - CN); **D21G 1/0226** (2013.01 - EP); **D21G 1/0266** (2013.01 - CN)

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)  
**EP 3929353 A1 20211229**; **EP 3929353 B1 20230510**; CN 113832764 A 20211224; CN 113832764 B 20230707

DOCDB simple family (application)  
**EP 20181925 A 20200624**; CN 202110696214 A 20210623