

Title (en)

CYLINDER FOR MACHINES PRODUCING CELLULOSE WEBS, AND RELATED METHOD

Title (de)

ZYLINDER FÜR MASCHINEN ZUR HERSTELLUNG VON ZELLULOSEBAHNEN UND ZUGEHÖRIGES VERFAHREN

Title (fr)

CYLINDRE POUR DES MACHINES PRODUISANT DES BANDES DE CELLULOSE ET PROCÉDÉ ASSOCIÉ

Publication

EP 4278038 A1 20231122 (EN)

Application

EP 22700066 A 20220112

Priority

- IT 202100000455 A 20210112
- EP 2022050493 W 20220112

Abstract (en)

[origin: WO2022152722A1] The cylinder (1) comprises a cylindrical shell (3) defining an axis (A-A) of the cylinder with two opposite end walls (5) associated with the axial ends of the cylindrical shell (3). The cylindrical shell (3) and the end walls define a pressurizable hollow inner space (7). At least one of, and preferably both, the two axial ends (3A) of the cylindrical shell (3) comprises an annular inner projection (11), which extends radially towards the axis (A-A) of the cylinder (1) and has a minimum inner diameter (D1) smaller than a maximum diameter (D2) of the respective end wall (5), and the respective end wall (5) is so mounted that a portion (5B) of the end wall (5) having the maximum diameter (D2) is arranged in an axially innermost position with respect to a portion of the annular inner projection (11) having the minimum inner diameter (D1).

IPC 8 full level

D21F 5/02 (2006.01)

CPC (source: EP)

D21F 5/021 (2013.01)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022152722 A1 20220721; EP 4278038 A1 20231122

DOCDB simple family (application)

EP 2022050493 W 20220112; EP 22700066 A 20220112