

Title (en)

ROLL WITH ANTI-ADHESIVE TOP LAYER AND METHOD FOR APPLYING SUCH A LAYER

Title (de)

WALZE MIT ANTI-ADHÄSIVER OBERSCHICHT UND VERFAHREN ZUR AUSBILDUNG EINER SOLCHEN

Title (fr)

ROULEAU AVEC COUCHE ANTI-ADHÉSIF ET PROCÉDE D'APPLICATION D'UNE TELLE COUCHE

Publication

**EP 3707305 B1 20220105 (EN)**

Application

**EP 18822482 A 20181112**

Priority

- BE 201705819 A 20171110
- IB 2018058863 W 20181112

Abstract (en)

[origin: WO2019092663A1] The present invention relates, among other things, to a roll suitable for guiding, preferably drying guiding, of a web, preferably a fibrous web, wherein the roll is provided with a rigid and substantially cylindrical roll core which is provided at its jacket with a coating comprising an anti-adhesive top layer for preventing adhesion of stickies, said top layer comprising a fluoropolymer; wherein said top layer comprises an inorganic-organic hybrid sol-gel comprising said fluoropolymer, and further preferably comprises silica, more preferably hydrophobic silica.

IPC 8 full level

**D21F 3/08** (2006.01); **D21F 5/02** (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)

**D21F 3/08** (2013.01); **D21F 5/021** (2013.01); **D21G 1/0233** (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

DOCDB simple family (publication)

**WO 2019092663 A1 20190516**; BE 1025227 B1 20181206; EP 3707305 A1 20200916; EP 3707305 B1 20220105

DOCDB simple family (application)

**IB 2018058863 W 20181112**; BE 201705819 A 20171110; EP 18822482 A 20181112