

Title (en)

SUCTION ROLL FOR A MACHINE FOR PRODUCING AND/OR PROCESSING A PAPER, CARDBOARD OR TISSUE WEB

Title (de)

SAUGWALZE FÜR EINE MASCHINE ZUR HERSTELLUNG UND/ODER VERARBEITUNG EINER PAPIER-, KARTON- ODER TISSUEBAHN

Title (fr)

CYLINDRE ASPIRANT DESTINÉ À UNE MACHINE POUR LA PRODUCTION ET/OU LA TRANSFORMATION D'UNE BANDE DE PAPIER, DE CARTON OU DE PAPIER OUATÉ

Publication

EP 2885455 B1 20161012 (DE)

Application

EP 13747398 A 20130809

Priority

- DE 102012214531 A 20120815
- EP 2013066671 W 20130809

Abstract (en)

[origin: WO2014026913A1] The invention relates to a roll (8) for a machine for producing or processing a fibrous web, said roll comprising a moveable roll sleeve (10) and a high pressure area and a low pressure area which are rotationally fixed compared to the roll sleeve and are arranged inside the roll sleeve, said area being sealed counter to the surroundings by means of sealing device comprising at least one sealing strip (1). Said sealing strip can be moved in the radial direction of the roll towards the inner side and away therefrom. The sealing strip comprises, in the region of sealing surface (3) directed towards the inner side of the moveable roll sleeve, at least one lubricant outlet opening (4) which is connected to the supply line (12) and which enables the lubricant to be moved between the inner side of the roll sleeve and the sealing surface. Said supply line comprises one part which extends inside the sealing strip and another part which extends outside of the sealing strip but inside the roll. The invention is characterized in that the part of the supply line extending inside the roll comprises, on its length extending outside of the sealing strip, a first and a second line section. The first line section (21) is longer than the second line section (22) and the second line section is more flexible than the first line section.

IPC 8 full level

D21F 3/10 (2006.01)

CPC (source: CN EP US)

D21F 3/10 (2013.01 - CN EP US); **D21F 5/143** (2013.01 - US)

Citation (examination)

DE 102011004055 A1 20120816 - VOITH PATENT GMBH [DE]

Cited by

DE102018113831A1

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 2014026913 A1 20140220; BR 112015003185 A2 20170704; BR 112015003185 B1 20220111; CN 104641038 A 20150520; CN 104641038 B 20170118; EP 2885455 A1 20150624; EP 2885455 B1 20161012; US 2016002854 A1 20160107; US 9506191 B2 20161129

DOCDB simple family (application)

EP 2013066671 W 20130809; BR 112015003185 A 20130809; CN 201380043466 A 20130809; EP 13747398 A 20130809; US 201314421329 A 20130809