

Title (en)
CLEANING APPARATUS

Title (de)
REINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE

Publication
EP 3075902 B1 20240612 (DE)

Application
EP 16154385 A 20101221

Priority
• DE 102009059790 A 20091221
• EP 10838785 A 20101221
• IB 2010003519 W 20101221

Abstract (en)
[origin: WO2011077263A2] The invention relates to an apparatus and a method for cleaning the running belt (1) of a drying screen in a paper production installation. The apparatus comprises at least one cleaning nozzle (40) for generating a high-pressure jet (60) of a liquid having an incidence point (61) on the running belt, at least one cleaning head (80) having a discharge opening (84) and a main opening (81) that faces towards the running belt (1), wherein the cleaning nozzle (40) is disposed outside the cleaning head (80). In the case of the method according to the invention, the running belt (1) is sprayed with at least one high-pressure jet (60) of a liquid, wherein the cleaning apparatus has a cleaning head (80), which has an interior space, a discharge opening (84), and a main opening (81) that faces towards the running belt (1).

IPC 8 full level
D21F 5/00 (2006.01); **B08B 3/02** (2006.01); **D21F 1/32** (2006.01)

CPC (source: CN EP US)
B08B 3/022 (2013.01 - CN EP US); **B08B 5/046** (2013.01 - CN EP); **B08B 13/00** (2013.01 - CN); **D21F 1/32** (2013.01 - CN US); **B08B 2203/0229** (2013.01 - EP US)

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 2011077263 A2 20110630; WO 2011077263 A3 20110901; CA 2785011 A1 20110630; CA 2785011 C 20170103;
CA 2948489 A1 20110630; CA 2948489 C 20180821; CN 102666980 A 20120912; CN 102666980 B 20151125; CN 105234115 A 20160113;
DE 102009059790 A1 20110622; DE 102009059790 B4 20170330; EP 2516735 A2 20121031; EP 2516735 A4 20140618;
EP 2516735 B1 20161005; EP 3075902 A1 20161005; EP 3075902 B1 20240612; US 2012318472 A1 20121220; US 2014374046 A1 20141225;
US 8808504 B2 20140819; US 9222221 B2 20151229

DOCDB simple family (application)
IB 2010003519 W 20101221; CA 2785011 A 20101221; CA 2948489 A 20101221; CN 201080058269 A 20101221;
CN 201510694810 A 20101221; DE 102009059790 A 20091221; EP 10838785 A 20101221; EP 16154385 A 20101221;
US 201013517946 A 20101221; US 201414330379 A 20140714