

Title (en)
COATING DEVICE

Title (de)
STREICHAGGREGAT

Title (fr)
DISPOSITIF DE COUCHAGE

Publication
EP 3180475 B2 20211103 (DE)

Application
EP 15753634 A 20150804

Priority
• DE 102014216256 A 20140815
• EP 2015067917 W 20150804

Abstract (en)
[origin: WO2016023791A1] The invention relates to a device for the direct or indirect application of a liquid or pasty medium to a running material web, in particular a fibrous web, such as a paper, cardboard or tissue web, having at least one application unit, by means of which the liquid or pasty medium can be applied to a roller or to the material web, and the application unit has a medium distribution pipe which extends in terms of the length thereof in the machine transverse direction of the device and communicates via a plurality of outflow channels which are arranged one behind another in the machine transverse direction with a medium discharge chamber which extends in terms of the length thereof in the machine transverse direction, in such a way that the liquid or pasty medium is first of all distributed in the medium distribution pipe in the machine transverse direction and is fed through the outflow channels to the medium discharge chamber, before said medium passes through an outlet opening of the medium discharge chamber and is applied to the roller or material web. The invention is characterized in that the medium distribution pipe is formed by way of a hollow-cylindrical main body with an oval, in particular round or elliptical cross-sectional shape and a wall thickness of 3 mm or more.

IPC 8 full level
D21H 23/24 (2006.01); **B05C 1/08** (2006.01); **B05C 5/00** (2006.01); **D21H 23/56** (2006.01)

CPC (source: CN EP)
B05C 1/0813 (2013.01 - CN EP); **B05C 5/0254** (2013.01 - CN EP); **D21H 23/24** (2013.01 - CN EP); **D21H 23/56** (2013.01 - CN EP);
B05C 1/0826 (2013.01 - CN EP)

Citation (opposition)
Opponent :
WO 2012118438 A1 20120907 - MATTSSONFOERETAGEN I UDDEVALLA AB [SE], et al

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 2016023791 A1 20160218; CN 107073504 A 20170818; EP 3180475 A1 20170621; EP 3180475 B1 20181010; EP 3180475 B2 20211103

DOCDB simple family (application)
EP 2015067917 W 20150804; CN 201580049655 A 20150804; EP 15753634 A 20150804