

Title (en)

METHOD FOR CONVERTING A ROLLER ASSEMBLY FOR TREATING A FIBER WEB

Title (de)

VERFAHREN ZUM UMBAU EINES WALZENAGGREGATS ZUR BEHANDLUNG EINER FASERSTOFFBAHN

Title (fr)

PROCÉDÉ DE TRANSFORMATION D'UNE UNITÉ DE ROULEAUX POUR TRAITER UNE BANDE DE MATIÈRE FIBREUSE

Publication

EP 3551799 B1 20200722 (DE)

Application

EP 17791076 A 20171026

Priority

- DE 102016123545 A 20161206
- EP 2017077464 W 20171026

Abstract (en)

[origin: WO2018103947A1] The invention relates to a roller assembly for treating a fiber web (2) within a paper or cardboard machine. In the roller assembly (1, 30), at least two rollers (3, 4), the roller bearings (5, 6) of which are placed on machined support surfaces (12) of at least one stand (7) in a precise position with the aid of fitting elements (11), for example keyed joints, are brought into contact with the fiber web (2) during operation. The aim of the invention is to convert said roller assembly into a converted roller assembly (31) which comprises add-on elements (8) and carries out a different function than the roller assembly (1, 30). In order to simplify the conversion, at least one roller bearing (5, 6) is first arranged at a distance from the machined support surface (12) for the roller bearing on the stand (7). A component (10) is then placed and fixed on the machined support surface (12), the support side (13) of said component having the same recesses and/or elevations (16, 17) for fitting elements (11) on the support surface as the removed bearing housing (5, 6), and fitting elements (11) for the bearing housing (5, 6) are likewise introduced into the component side (14) opposite the support side. Beforehand, simultaneously, or subsequently thereto, the rolling bearing (5, 6) which is arranged at a distance from the machined support surface is positioned and fixed on the component (10) side (14) opposite the support side, wherein prior to being installed, the component (10) is provided with additional machined add-on surfaces (15) to which the add-on assemblies (8) needed for the new function are attached in a precise position.

IPC 8 full level

D21G 1/02 (2006.01); **D21H 23/56** (2006.01)

CPC (source: EP)

D21G 1/0226 (2013.01); **D21H 23/56** (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)

DE 102016123545 A1 20180607; **DE 102016123545 B4 20190207**; CN 110036154 A 20190719; CN 110036154 B 20210806; EP 3551799 A1 20191016; EP 3551799 B1 20200722; PL 3551799 T3 20201228; WO 2018103947 A1 20180614

DOCDB simple family (application)

DE 102016123545 A 20161206; CN 201780075114 A 20171026; EP 17791076 A 20171026; EP 2017077464 W 20171026; PL 17791076 T 20171026