

Title (en)

ROLLER FOR GUIDING AND/OR STRETCHING A MOVING SHEET-LIKE MATERIAL

Title (de)

WALZE ZUM FÜHREN UND/ODER BREITSTRECKEN EINER LAUFENDEN WARENBAHN

Title (fr)

ROULEAU DE GUIDAGE ET/OU D'ÉTIREMENT LARGE D'UNE BANDE DE MARCHANDISES EN DÉFILEMENT

Publication

EP 3786330 B1 20220330 (DE)

Application

EP 20000287 A 20200813

Priority

DE 102019005949 A 20190823

Abstract (en)

[origin: US2021053785A1] A roller (1) is used for guiding and/or width stretching of a running material web (2). The roller (1) has a supporting body (3), on the outside of which receptacles (4) for axially displaceably held battens (5) are provided. These grasp the material web (2). In order to improve the functionality of this roller (1), at least one undercut groove (6) is formed on the supporting body (3) between at least two of the battens (5). This undercut groove (6) can receive at least one functional component (7).

IPC 8 full level

D06C 3/06 (2006.01); **B65H 23/025** (2006.01)

CPC (source: CN EP US)

B65H 23/025 (2013.01 - CN); **B65H 23/0253** (2013.01 - EP US); **B65H 23/038** (2013.01 - CN US); **B65H 27/00** (2013.01 - CN); **D06C 3/06** (2013.01 - EP); **B65H 2404/1231** (2013.01 - US); **B65H 2601/324** (2013.01 - EP)

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)

EP 3786330 A1 20210303; **EP 3786330 B1 20220330**; CN 112408063 A 20210226; CN 112408063 B 20240503; DE 102019005949 A1 20210225; US 11414287 B2 20220816; US 2021053785 A1 20210225

DOCDB simple family (application)

EP 20000287 A 20200813; CN 202010834905 A 20200819; DE 102019005949 A 20190823; US 202016993347 A 20200814