

Title (en)

WINDING MACHINE FOR WEB MATERIALS AND METHOD FOR OPERATING SUCH A WINDING MACHINE

Title (de)

WICKELMASCHINE FÜR BAHNFÖRMIGE MATERIALIEN SOWIE VERFAHREN ZUM BETREIBEN EINER SOLCHEN WICKELMASCHINE

Title (fr)

MACHINE À BOBINER POUR MATIÈRES EN FORME DE BANDE AINSI QUE PROCÉDÉ DE FONCTIONNEMENT D'UNE TELLE MACHINE À BOBINER

Publication

EP 3553002 B1 20230705 (DE)

Application

EP 19164078 A 20190320

Priority

DE 102018108485 A 20180410

Abstract (en)

[origin: US2019308840A1] A winding machine for web-type materials, in particular film materials, comprises a feeding device and at least one winding shaft which is capable of being driven and designed to receive a winding core for the winding of the web-type film material, wherein the winding machine is allocated a system for regulating and/or reducing an electrostatic charge of the web-type material during the winding process.

IPC 8 full level

B65H 19/28 (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP US)

B65H 18/08 (2013.01 - US); **B65H 19/2215** (2013.01 - EP US); **B65H 19/28** (2013.01 - EP US); **B65H 26/00** (2013.01 - US); **B65H 2301/41421** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - US); **B65H 2301/5132** (2013.01 - EP US); **B65H 2301/5133** (2013.01 - EP US); **B65H 2301/51512** (2013.01 - US); **B65H 2408/23152** (2013.01 - EP US); **B65H 2553/23** (2013.01 - US); **B65H 2601/20** (2013.01 - US); **B65H 2701/1752** (2013.01 - EP US); **B65H 2701/19** (2013.01 - US)

Citation (examination)

- EP 1451087 B1 20050921 - WINDMOELLER & HOELSCHER [DE]
- EP 1807333 B1 20081203 - WINDMOELLER & HOELSCHER [DE]

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 3553002 A1 20191016; **EP 3553002 B1 20230705**; DE 102018108485 A1 20191010; DE 102018108485 B4 20230216; US 11155431 B2 20211026; US 2019308840 A1 20191010

DOCDB simple family (application)

EP 19164078 A 20190320; DE 102018108485 A 20180410; US 201916379780 A 20190409