

Title (en)

FILM WINDING SYSTEM AND COMPOSITE COMPRISING A FILM STRETCHING SYSTEM AND SUCH A FILM WINDING SYSTEM

Title (de)

FOLIENWICKELSYSTEM UND VERBUND AUS EINER FOLIENRECKANLAGE UND EINEM SOLCHEN FOLIENWICKELSYSTEM

Title (fr)

SYSTÈME D'ENROULEMENT DE FEUILLE ET COMPOSITE D'UNE INSTALLATION D'ÉTIRAGE DE FEUILLE ET D'UN TEL SYSTÈME D'ENROULEMENT DE FEUILLE

Publication

EP 3919422 B1 20231018 (DE)

Application

EP 21175099 A 20210520

Priority

DE 102020115007 A 20200605

Abstract (en)

[origin: MX2021006639A] The present invention relates to a film winding system (1) for a film stretching system (110) comprising a film entry area (3) through which a film web (2) can be fed to be wound to the film winding system (1). A first winding station (4) is designed at a winding position to wind the film web (2) onto a film roll (5). A contact roller (6) and a metering roller (8) are provided, wherein the contact roller (6) is arranged adjacent to the first winding station (4) in the winding position and designed to guide the web of film (2) to the first winding station (4). The metering roller (8) is arranged in front of the contact roller (6) in the direction of movement of the film web (2) and is designed to guide the film web (2) to the contact roller (6). A first adjustment device (10) is provided and is designed to move the metering roller (8) with respect to the contact roller (6) along a path of displacement so that the degree of winding can be changed on in which the web of film (2) covers the contact roller (6).

IPC 8 full level

B65H 18/16 (2006.01)

CPC (source: CN EP KR US)

B65H 18/08 (2013.01 - CN); **B65H 18/16** (2013.01 - EP US); **B65H 18/26** (2013.01 - KR); **B65H 19/2215** (2013.01 - KR); **B65H 23/044** (2013.01 - US); **B65H 23/26** (2013.01 - CN KR); **B65H 26/00** (2013.01 - CN); **B65H 2301/44324** (2013.01 - KR); **B65H 2301/5133** (2013.01 - KR); **B65H 2404/1522** (2013.01 - EP); **B65H 2511/21** (2013.01 - EP); **B65H 2511/23** (2013.01 - EP); **B65H 2701/175** (2013.01 - EP); **B65H 2701/1752** (2013.01 - KR)

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 3919422 A1 20211208; **EP 3919422 B1 20231018**; **EP 3919422 C0 20231018**; CN 113753641 A 20211207; DE 102020115007 A1 20211209; HU E064804 T2 20240428; JP 2021193054 A 20211223; KR 20210151702 A 20211214; MX 2021006639 A 20211206; PL 3919422 T3 20240318; US 11891257 B2 20240206; US 2021380364 A1 20211209

DOCDB simple family (application)

EP 21175099 A 20210520; CN 202110622288 A 20210604; DE 102020115007 A 20200605; HU E21175099 A 20210520; JP 2021093358 A 20210603; KR 20210072237 A 20210603; MX 2021006639 A 20210604; PL 21175099 T 20210520; US 202117339034 A 20210604