

Title (en)

Machine to wind film, process for the manufacturing of pre-stretched film rolls, and rolls of pre-stretched film manufactured by this process

Title (de)

Maschine zum Wickeln von Folie, Verfahren zum Herstellen von Rollen aus vorgedehnter Folie und mit diesem Verfahren hergestellte Rollen

Title (fr)

Machine pour bobiner du film, procédé de fabrication de bobines de films pré-étirés et bobines de films pré-étirés obtenues par ledit procédé

Publication

EP 0878425 B1 20030820 (FR)

Application

EP 98401058 A 19980430

Priority

FR 9705857 A 19970513

Abstract (en)

[origin: EP0878425A1] This new machine winds pre-stretched film from a supply spool, onto a reception spool. Either or both are driven. A novel feature is relative axial movement of the spools, effecting periodic variation in the position of the film edges with respect to the axis (5) of the reception spool. The movement is such that the edge profile (21) of the spooled film, is caused to exhibit a frustrated- or near conical profile. Also claimed are: the corresponding method of spooling to produce the conical profile described; and the spool of film, formed by the winding process.

IPC 1-7

B65H 18/28

IPC 8 full level

B65H 18/28 (2006.01)

CPC (source: EP US)

B65H 18/28 (2013.01 - EP US); **B65H 2301/414322** (2013.01 - EP US); **B65H 2301/5124** (2013.01 - EP US)

Cited by

DE102014006933A1; DE19944703A1; DE102014006933B4; EP2952459A1; US9701507B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)

EP 0878425 A1 19981118; **EP 0878425 B1 20030820**; AT E247594 T1 20030915; CA 2237042 A1 19981113; CA 2237042 C 20021105; DE 69817255 D1 20030925; DE 69817255 T2 20040701; ES 2205402 T3 20040501; FR 2763321 A1 19981120; FR 2763321 B1 19990723; US 5967437 A 19991019

DOCDB simple family (application)

EP 98401058 A 19980430; AT 98401058 T 19980430; CA 2237042 A 19980506; DE 69817255 T 19980430; ES 98401058 T 19980430; FR 9705857 A 19970513; US 7691098 A 19980513