

Title (en)

Packing film stretching and rewinding machine

Title (de)

Verpackungsfoliendehnungs- und -aufwicklungsmaschine

Title (fr)

Conditionnement de film étirable et machine de rembobinage

Publication

EP 2210837 A1 20100728 (EN)

Application

EP 09001029 A 20090126

Priority

EP 09001029 A 20090126

Abstract (en)

A packing film stretching and rewinding machine includes a machine table 1 provided thereon with a stretching device 2, a lip-folding device 3, a swing device 4 and a rewinding device 5. A packing film (A) can be stretched, lip-folded and rewound at the same time on the machine table 1. The packing film (A) is stretched, lengthened and thinned by the stretching device 2 and then the stretched packing film (A) has the opposite edges folded by the lip-folding device 3 to enhance the strength of the opposite edges of the packing film (A). Subsequently, the edged packing film (A) is rewound into small rolls by the rewinding device 5. When the packing film (A) is rewound into small rolls, the reel A1 will not be deformed by tightening, needless to stop operating of the machine during whole operation, able to save man-power and lower producing cost.

IPC 8 full level

B65H 19/22 (2006.01); **B65H 19/20** (2006.01)

CPC (source: EP)

B65H 19/20 (2013.01); **B65H 19/2238** (2013.01); **B65H 45/22** (2013.01); **B65H 2301/41354** (2013.01); **B65H 2301/41814** (2013.01); **B65H 2301/41816** (2013.01); **B65H 2301/5124** (2013.01); **B65H 2301/5126** (2013.01); **B65H 2701/1752** (2013.01)

Citation (search report)

- [A] US 2006243824 A1 20061102 - JUO CHUNG-TSUEN [TW]
- [A] US 6102313 A 20000815 - SALZSAULER DONALD J [CA], et al
- [A] EP 0638405 A1 19950215 - HOOVER UNIVERSAL [US]
- [A] GB 1507212 A 19780412 - HOECHST AG

Cited by

CN106946084A; CN105499303A; DE102010009410A1; CN106739398A; CN112374247A; CN113955536A; CN107117484A; CN110817504A; US11342206B2; DE202010012238U1; EP2426074A3; DE202018106101U1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2210837 A1 20100728; EP 2210837 B1 20150902

DOCDB simple family (application)

EP 09001029 A 20090126