

Title (en)

HOODING MACHINE WITH IMPROVED STRUCTURE

Title (de)

HAUBENMASCHINE MIT VERBESSERTER STRUKTUR

Title (fr)

MACHINE DE HOTTE D'EXTRACTION PRÉSENTANT UNE STRUCTURE AMÉLIORÉE

Publication

EP 3335998 A1 20180620 (EN)

Application

EP 17207977 A 20171218

Priority

IT 201600127868 A 20161219

Abstract (en)

A hooding machine (10) comprises a system for forming a hood from a tube of film (12) in a flattened folded condition so as to form four side edges. The system comprises two pairs of chain rings with grippers (24) for gripping and moving the tube of film along a hood formation path (11) from a starting area of the path (11) where the tube of film (12) in a flattened folded condition is fed with its initial portion (14). In an end area (15) of the path there is a head (16) for collecting, expanding and fitting the hood onto a package, said head being arranged above an area (17) of the machine where a package to be wrapped is positioned. Each pair of chain rings is supported on a frame (25, 26) so as to be movable with respect to the other pair of chain rings and thus be able to vary controllably the mutual distance between the pairs of chains and adapt the machine to a different transverse dimension of the tube of film (12).

IPC 8 full level

B65B 9/13 (2006.01); **B65B 41/14** (2006.01); **B65B 59/00** (2006.01); **B65B 9/14** (2006.01)

CPC (source: EP US)

B65B 9/135 (2013.01 - EP); **B65B 41/14** (2013.01 - EP); **B65B 59/003** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US); **B65B 9/14** (2013.01 - EP)

Citation (applicant)

EP 2719628 A1 20140416 - SESTESE OFF MEC [IT]

Citation (search report)

- [AD] EP 2719628 A1 20140416 - SESTESE OFF MEC [IT]
- [A] EP 1086894 A2 20010328 - SESTESE OFF MEC [IT]
- [A] EP 1510460 A1 20050302 - SESTESE OFF MEC [IT]
- [A] EP 2993134 A1 20160309 - SESTESE OFF MEC [IT]
- [A] US 4520613 A 19850604 - CLAUDIO FUZZI [CH]

Cited by

EP3686111A1; IT201900001197A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3335998 A1 20180620; **EP 3335998 B1 20190515**; ES 2741879 T3 20200212; IT 201600127868 A1 20180619; PL 3335998 T3 20191129; PT 3335998 T 20190716; TR 201909265 T4 20190722

DOCDB simple family (application)

EP 17207977 A 20171218; ES 17207977 T 20171218; IT 201600127868 A 20161219; PL 17207977 T 20171218; PT 17207977 T 20171218; TR 201909265 T 20171218