

Title (en)

Expansion mandrel for expanding a sleeve label

Title (de)

Aufweitedorf zum Aufweiten eines Etikettenschlauchs

Title (fr)

Mandrin d'élargissement destiné à élargir un manchon d'étiquetage

Publication

EP 2567901 B1 20150923 (DE)

Application

EP 12174346 A 20120629

Priority

DE 102011082452 A 20110909

Abstract (en)

[origin: EP2567901A1] The mandrel (100) has a transfer part (104) for preventing deformation of a sleeve label during transferring of the sleeve label on a container. A tongue (101), frustum-shaped portion (102) and a cylindrical portion (103) expand a flat sleeve hose in an axial direction and pulled in a radial direction. The tongue, the frustum-shaped portion, the cylindrical portion and the transfer part are releasably connected with one another by a quick-locking mechanism i.e. bayonet fitting, a fastener and/or a screw-type closure. The transfer part comprises a cylindrical portion. An independent claim is also included for a sleeve label providing device.

IPC 8 full level

B65C 3/06 (2006.01); **B65C 9/00** (2006.01)

CPC (source: EP)

B65C 3/065 (2013.01); **B65C 9/0062** (2013.01)

Cited by

DE202015103924U1; EP2949451A1; EP2886475A1; NL2012911A; US9771175B2; WO2015168007A1; US10081447B2

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 2567901 A1 20130313; EP 2567901 B1 20150923; CN 102991781 A 20130327; CN 102991781 B 20150520;
DE 102011082452 A1 20130314

DOCDB simple family (application)

EP 12174346 A 20120629; CN 201210333045 A 20120910; DE 102011082452 A 20110909