Title (en)
    MACHINE FOR CLOSING FLEXIBLE CONTAINERS

Title (de)
    MASCHINE ZUM VERSCHLIESSEN FLEXIBLER BEHÄLTER

Title (fr)
    MACHINE POUR FERMER DES CONTENANTS SOUPLES

Publication
    EP 2665655 B1 20160615 (EN)

Application
    EP 12705421 A 20120120

Priority
    • IT VI20110008 A 20110121
    • IB 2012050280 W 20120120

Abstract (en)
    [origin: WO2012098526A1] A machine for closing flexible containers using a semirigid and deformable closing band, comprises a support frame (2) with a plate (5) secured thereto, which has a slot (3') for receiving the neck (N) of the container (C), a shaping seat (3) for forming the closing band (E), which is located at the end of the slot (3'), for the neck (N) of the container (C) to be placed and closed therein, a cutting seat (7) for cutting a portion (P) of the closing band (E) having a predetermined length (I), feeding means (6) for feeding the band (E) into the cutting seat (7), cutting and shaping means (9), for cutting and shaping the portion (P) of the band (E) contained in the cutting seat (7), actuator means (1 1) for driving the feeding means (6) and the cutting and shaping means (9). The actuator means (1 1) are solely driven by an electric motor (1 5).

IPC 8 full level
    B65B 51/04 (2006.01); **B65B 65/02** (2006.01); **B65B 67/06** (2006.01)

CPC (source: EP)
    B65B 51/04 (2013.01); **B65B 65/02** (2013.01); **B65B 67/06** (2013.01)

Citation (examination)
    • US 3455010 A 19690715 - BUSLER WILLARD LE ROY
    • US 3381359 A 19680507 - SCHROEDER PAUL G K
    • DE 1461767 A1 19690313 - ROEDEL HEINZ
    • US 2007130885 A1 20070614 - HICKEY CHARLES P [US]

Cited by
    IT201900009780A1; CN114514179A; WO2020255064A1; US11970302B2

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)
    WO 2012098526 A1 20120726; EP 2665655 A1 20131127; EP 2665655 B1 20160615; ES 2594771 T3 20161222; HR P20161175 T1 20161104; HU E030482 T2 20170529; IT VI20110008 A1 20120722; PL 2665655 T3 20170228; RS 55160 B1 20170131; RU 2013138603 A 20150227; RU 2581875 C2 20160420; SI 2665655 T1 20170228

DOCDB simple family (application)
    IB 2012050280 W 20120120; EP 12705421 A 20120120; ES 12705421 T 20120120; HR P20161175 T 20160914; HU E12705421 A 20120120; IT VI20110008 A 20110121; PL 12705421 T 20120120; RS P20160761 A 20120120; RU 2013138603 A 20120120; SI 201230711 A 20120120