

Title (en)
Device for dispensing flowing substances

Title (de)
Vorrichtung zum Ausgeben von fließfähigen Stoffen

Title (fr)
Dispositif de distribution de produits fluides

Publication
EP 2835181 B1 20151007 (DE)

Application
EP 13179407 A 20130806

Priority
EP 13179407 A 20130806

Abstract (en)
[origin: CN104338650A] An apparatus for dispensing flowable substances, having a nozzle having an exit opening for dispensing the substances from the nozzle in the region of a free nozzle end, and a closure part that can be moved by means of a control element, disposed outside of the nozzle. The closure part releases the exit opening in an open position and closes the exit opening in a closed position. The control element has a frame, a transfer medium that brings about shape fit and has wheels, the transfer medium generates angle synchronicity of wheels mounted in the frame so as to pivot, a drive for the transfer medium, for pivoting the respective wheel in two opposite pivot directions, a bearing element for the closure part, mounted in wheels so as to pivot. The bearing element is mounted about pivot axles in the wheels, so as to pivot. The pivot axles are disposed in the frame parallel to the pivot axles of these wheels. The closure part is mounted in the bearing element. The apparatus enables the closure part to be capable of transferring to the closed position from the open position in a non-linear movement and ensures the control element to be compactly constructed along the direction vertical to the moving direction of the closure part.

IPC 8 full level
B05B 15/02 (2006.01); **B05B 15/52** (2018.01); **B05C 5/02** (2006.01)

CPC (source: CN EP US)
B05B 12/02 (2013.01 - CN); **B05B 13/00** (2013.01 - CN); **B05B 15/52** (2018.01 - EP US); **B65D 83/28** (2013.01 - US); **A47K 5/1217** (2013.01 - EP US); **B05C 5/02** (2013.01 - EP US); **B67D 1/00** (2013.01 - US); **B67D 7/14** (2013.01 - US)

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 2835181 A1 20150211; **EP 2835181 B1 20151007**; CN 104338650 A 20150211; CN 104338650 B 20170912; ES 2558175 T3 20160202; US 2015041502 A1 20150212; US 9394097 B2 20160719

DOCDB simple family (application)
EP 13179407 A 20130806; CN 201410381350 A 20140805; ES 13179407 T 20130806; US 201414452739 A 20140806