

Title (en)
Discharge device for a flowable medium

Title (de)
Austragvorrichtung für ein fließfähiges Medium

Title (fr)
Dispositif de pulvérisation pour un produit fluide

Publication
EP 1834705 A3 20080716 (DE)

Application
EP 07003383 A 20070217

Priority
• DE 102006012898 A 20060313
• EP 07003383 A 20070217

Abstract (en)
[origin: EP1834705A2] A piston (24) is operatively connected to an actuating device (30) which can be manually pressed in a pumping direction, and held by a securing element (50) in a pressed-in state. The pumping direction forms approximately a right angle with the principal direction of an extent (2). A pumping device (20) has a pumping chamber (22) closed off on one side by the piston. The piston is movable longitudinally along the pumping direction to generate a discharge pressure.

IPC 8 full level
B05B 11/00 (2006.01); **B67D 7/58** (2010.01)

CPC (source: EP US)
B05B 11/0072 (2013.01 - EP US); **B05B 11/1002** (2023.01 - EP US); **B05B 11/1047** (2023.01 - EP US); **B05B 11/106** (2023.01 - EP US)

Citation (search report)
• [XA] US 2002074355 A1 20020620 - LEWIS RICHARD P [US], et al
• [A] FR 2647757 A1 19901207 - POSTOLLEC MADELEINE [FR]
• [A] DE 1528580 B1 19711202 - SCHNYDER CONRAD WOLFGANG [LI]
• [E] DE 102006023546 A1 20071122 - LIN YENG-TANG [TW]
• [E] EP 1818108 A1 20070815 - TSAI CHANG-KENG [TW]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1834705 A2 20070919; EP 1834705 A3 20080716; EP 1834705 B1 20110914; JP 2007245144 A 20070927; JP 5183082 B2 20130417;
US 2007210121 A1 20070913

DOCDB simple family (application)
EP 07003383 A 20070217; JP 2007060094 A 20070309; US 71698307 A 20070312