

Title (en)
MULTICOMPONENT FOIL-TYPE CONTAINER

Title (de)
MEHRKOMPONENTENFOLIENBEHAELTER

Title (fr)
CONTENANT EN FEUILLES A PLUSIEURS CONSTITUANTS

Publication
EP 1843952 A2 20071017 (DE)

Application
EP 05850358 A 20051224

Priority
• EP 2005014025 W 20051224
• DE 202005001203 U 20050126

Abstract (en)
[origin: WO2006079413A2] The invention relates to a multicomponent foil-type container comprising a first chamber (5) for accommodating a first component, at least one second chamber (5') for accommodating a second component, a discharge duct (6) that can be connected to said chambers (5, 5'), deflection elements (11) for mixing the components within the discharge duct (6), and a seal (12; 12'; 21; 25, 25'; 36, 36') which prevents the components from being mixed before being used and can be opened for discharging the components. The deflection elements (11) of the inventive multicomponent foil-type container are disposed on a separate mixing element (9) that is located in the discharge duct (6) such that the multicomponent foil-type container is easy to produce while allowing different components to be mixed in a particularly effectively manner. The invention further relates to a device for squeezing a multicomponent foil-type container in a particularly effective fashion. The disclosed squeezing device is provided with a holding element (61; 77) for accommodating a multicomponent foil-type container. At least one leg (68, 69; 88) that can be moved towards the chambers (5, 5') of the multicomponent foil-type container in order to squeeze the multicomponent foil-type container is hingedly connected to the end of the holding element (61; 77) which faces the rear end of an inserted multicomponent foil-type container, resulting in the components being effectively mixed.

IPC 8 full level
B65D 81/32 (2006.01); **B65D 35/28** (2006.01)

CPC (source: EP US)
B01F 25/432 (2022.01 - EP US); **B01F 35/713** (2022.01 - EP US); **B01F 35/7164** (2022.01 - EP US); **B65D 35/28** (2013.01 - EP US); **B65D 51/222** (2013.01 - EP US); **B65D 81/3261** (2013.01 - EP US); **B65D 81/3283** (2013.01 - EP US); **B65D 2251/0025** (2013.01 - EP US); **B65D 2251/0093** (2013.01 - EP US)

Citation (search report)
See references of WO 2006079413A2

Cited by
EP3075345A1; WO2016156461A1; DE102016122041A1; DE102015115441A1; EP3095727A1

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

DOCDB simple family (publication)
DE 202005001203 U1 20060614; CA 2578756 A1 20060803; CA 2578756 C 20130212; CN 101087723 A 20071212; CN 101087723 B 20100512; EP 1843952 A2 20071017; EP 1843952 B1 20130731; ES 2425169 T3 20131011; JP 2008528386 A 20080731; JP 4850185 B2 20120111; US 2008123465 A1 20080529; US 7934864 B2 20110503; WO 2006079413 A2 20060803; WO 2006079413 A3 20061019

DOCDB simple family (application)
DE 202005001203 U 20050126; CA 2578756 A 20051224; CN 200580044510 A 20051224; EP 05850358 A 20051224; EP 2005014025 W 20051224; ES 05850358 T 20051224; JP 2007551562 A 20051224; US 81313305 A 20051224