

Title (en)

Bag for containing two separate substances that are to be mixed

Title (de)

Beutel für zwei getrennt aufzubewahrende und zu mischende Substanzen

Title (fr)

Poche contenant deux substances séparées devant être mélangées

Publication

EP 0993819 B1 20021211 (DE)

Application

EP 99120421 A 19991014

Priority

- CA 2293919 A 19991231
- DE 19847594 A 19981015
- JP 35418999 A 19991214
- US 45230099 A 19991201

Abstract (en)

[origin: EP0993819A2] The bag (15) is pierced by a spike (13) acting upon an anvil part (14) that contains a second substance (51), separated by a film (16) from a first substance inside the bag. The spike is also used to pierce the film so that when it is used to pierce the bag the two substances are mixed together.

IPC 1-7

A61J 1/10

IPC 8 full level

A61J 3/00 (2006.01); **A61J 1/00** (2006.01); **A61J 1/05** (2006.01); **A61J 1/20** (2006.01); **B65D 17/42** (2006.01); **B65D 33/36** (2006.01); **B65D 81/32** (2006.01); **A61J 1/10** (2006.01)

CPC (source: EP US)

A61J 1/2089 (2013.01 - EP US); **A61J 1/2093** (2013.01 - EP US); **B65D 81/32** (2013.01 - EP US); **B67B 7/24** (2013.01 - EP US); **A61J 1/10** (2013.01 - EP US); **A61J 1/1475** (2013.01 - EP US); **A61J 1/201** (2015.05 - EP US); **A61J 1/2027** (2015.05 - EP US); **Y10S 604/903** (2013.01 - EP US)

Cited by

EP1219282A1; US6659994B1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0993819 A2 20000419; **EP 0993819 A3 20001102**; **EP 0993819 B1 20021211**; AT E229312 T1 20021215; CA 2293919 A1 20010630; DE 19847594 C1 20000608; DE 59903726 D1 20030123; ES 2185287 T3 20030416; JP 2001170135 A 20010626; JP 3995853 B2 20071024; US 6659994 B1 20031209

DOCDB simple family (application)

EP 99120421 A 19991014; AT 99120421 T 19991014; CA 2293919 A 19991231; DE 19847594 A 19981015; DE 59903726 T 19991014; ES 99120421 T 19991014; JP 35418999 A 19991214; US 45230099 A 19991201