

Title (en)
Filling head

Title (de)
Füllelement

Title (fr)
Tête de remplissage

Publication
EP 1749792 A3 20080528 (DE)

Application
EP 06014207 A 20060708

Priority
DE 102005037127 A 20050806

Abstract (en)
[origin: EP1749792A2] The filling unit has a washing cap (13) which is accommodated or held in engaged position by a recess (18). The washing cap is preceded between a radial internal non-engaged position and a radial external engaged position. The washing cap is guided by radial inner guides (17).

IPC 8 full level
B67C 3/00 (2006.01)

CPC (source: EP US)
B67C 3/004 (2013.01 - EP US)

Citation (search report)

- [DX] DE 9403832 U1 19950406 - KRONSEDER MASCHF KRONES [DE]
- [A] EP 0568121 A1 19931103 - SHIKOKU KAKOKI CO LTD [JP]

Cited by
CN114572476A

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 1749792 A2 20070207; EP 1749792 A3 20080528; EP 1749792 B1 20130410; DE 102005037127 A1 20070208;
DE 102005037127 B4 20070906; JP 2007045527 A 20070222; PL 1749792 T3 20130930; SI 1749792 T1 20130628;
US 2007029002 A1 20070208; US 7513279 B2 20090407

DOCDB simple family (application)
EP 06014207 A 20060708; DE 102005037127 A 20050806; JP 2006210421 A 20060802; PL 06014207 T 20060708; SI 200631564 T 20060708;
US 46256406 A 20060804