

Title (en)
FLUID APPLICATORS

Title (de)
FLÜSSIGKEITSAPPLIKATOREN

Title (fr)
APPLIQUEURS DE FLUIDE

Publication
EP 1032287 B1 20040616 (EN)

Application
EP 98959536 A 19981120

Priority
• GB 9724714 A 19971121
• US 9824835 W 19981120

Abstract (en)
[origin: WO9926510A1] An applicator system, for use in delivering a flowable composition, wherein a container (10) in which the flowable composition is to be contained; and at least three applicators (114, 106, 72) of different type, each of the applicators having at least one outlet (148, 108, 88) through which the flowable composition is to be applied, with at least a first of the applicators (72) being securable to the container, and with at least a second of the applicators (114, 106) being securable to the first of the applicators; wherein only at least one outlet of a selected one of the at least three applicators is exposed at any one time while applying the flowable composition therethrough.

IPC 1-7
A45D 19/02; **A45D 24/26**; **B65D 35/36**

IPC 8 full level
A45D 19/02 (2006.01); **A45D 24/26** (2006.01); **B65D 35/36** (2006.01); **A45D 19/00** (2006.01)

CPC (source: EP KR US)
A45D 19/0066 (2021.01 - EP KR); **A45D 19/026** (2021.01 - EP KR US); **A45D 19/028** (2021.01 - EP KR US); **A45D 24/22** (2013.01 - KR); **A45D 24/26** (2013.01 - EP); **A45D 2200/054** (2013.01 - KR)

Cited by
EP2604141A4; US2022313576A1; US11534379B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9926510 A1 19990603; AT E269015 T1 20040715; AU 1531899 A 19990615; BR 9815315 A 20001024; CA 2310470 A1 19990603; CA 2310470 C 20040316; CN 1168408 C 20040929; CN 1279590 A 20010110; CO 5050377 A1 20010627; DE 69824623 D1 20040722; DE 69824623 T2 20050203; EP 1032287 A1 20000906; EP 1032287 B1 20040616; ES 2222618 T3 20050201; GB 9724714 D0 19980121; JP 2001523501 A 20011127; KR 20010086210 A 20010910; PE 20000028 A1 20000319

DOCDB simple family (application)
US 9824835 W 19981120; AT 98959536 T 19981120; AU 1531899 A 19981120; BR 9815315 A 19981120; CA 2310470 A 19981120; CN 98811389 A 19981120; CO 98068892 A 19981123; DE 69824623 T 19981120; EP 98959536 A 19981120; ES 98959536 T 19981120; GB 9724714 A 19971121; JP 2000521727 A 19981120; KR 20007004753 A 20000502; PE 00113298 A 19981123