

Title (en)
TWO-COMPONENT CONTAINER

Title (de)
ZWEIKOMPONENTENBEHÄLTER

Title (fr)
RESERVOIR A DEUX COMPOSANTES

Publication
EP 1021355 B1 20020918 (DE)

Application
EP 99936160 A 19990128

Priority

- DE 19812657 A 19980323
- EP 9900542 W 19990128

Abstract (en)
[origin: DE19812657A1] The invention relates to a two-component container (1). According to the invention, two chambers (6, 7) can be connected by expelling a sealing plug (5). The sealing plug (5), which has two stoppers (12, 13), can be pushed out of the elements (14, 15) holding it in place by screwing one container (3) into a thread (4) which is connected to another container (2). The two separate stoppers (12, 13) of the sealing plug (5) provide a reliable seal. As the container (3) is screwed in, the lower stopper (13) is expelled first by the upper stopper (12). The upper stopper (12) is then expelled by an expelling element (22). The inventive two-component container (1) is suitable for storing peroxide and hair colorant separately. After it has been expelled, the sealing plug (5) helps the two components to mix.

IPC 1-7
B65D 81/32

IPC 8 full level
B65D 81/32 (2006.01)

CPC (source: EP KR US)
B65D 81/32 (2013.01 - KR); **B65D 81/3211** (2013.01 - EP US); **Y10S 215/08** (2013.01 - EP US)

Citation (examination)
DE 3528525 A1 19870219 - GOLDWELL GMBH [DE]

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 19812657 A1 19981224; AR 018148 A1 20011031; AU 3251399 A 19991018; AU 749648 B2 20020627; BR 9904882 A 20000919;
DE 59902737 D1 20021024; EP 1021355 A1 20000726; EP 1021355 B1 20020918; ES 2184484 T3 20030401; ID 22245 A 19990923;
JP 2002500604 A 20020108; JP 3875281 B2 20070131; KR 100625621 B1 20060920; KR 20010020113 A 20010315; US 6247586 B1 20010619;
WO 9948771 A1 19990930

DOCDB simple family (application)
DE 19812657 A 19980323; AR P990101029 A 19990310; AU 3251399 A 19990128; BR 9904882 A 19990128; DE 59902737 T 19990128;
EP 9900542 W 19990128; EP 99936160 A 19990128; ES 99936160 T 19990128; ID 990195 D 19990309; JP 54764599 A 19990128;
KR 19997009654 A 19991019; US 42439400 A 20000222