

Title (en)

Tactile effect device

Title (de)

Vorrichtung mit Berührungseffekt

Title (fr)

Dispositif à effet tactile

Publication

EP 2253554 B1 20170705 (FR)

Application

EP 10163315 A 20100519

Priority

FR 0953369 A 20090520

Abstract (en)

[origin: EP2253554A1] The device (1) has a part i.e. closing cap (10), rotating with respect to another part i.e. container (2), around a longitudinal axis. The cap has a flexible tab (16) formed in a thickness of tubular skirt (14) of the cap. The container has a relief (8). The tab and the relief are arranged to cooperate with each other so that rotation of the cap relative to the container causes the tab to cross the relief by bending with a flexion component parallel to the axis. The tab crosses the relief to produce a tactile sensation to be felt by a user.

IPC 8 full level

B65D 41/04 (2006.01)

CPC (source: EP US)

B65D 41/0471 (2013.01 - EP US); **A45D 40/262** (2013.01 - EP US)

Cited by

WO2023180506A1; USD1025786S; US8702333B2; FR3133842A1; EP2520192B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2253554 A1 20101124; **EP 2253554 B1 20170705**; ES 2640166 T3 20171102; FR 2945715 A1 20101126; FR 2945715 B1 20190628; JP 2010269850 A 20101202; JP 5901104 B2 20160406; KR 101333251 B1 20131126; KR 20100125191 A 20101130; US 2010294813 A1 20101125

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EP 10163315 A 20100519; ES 10163315 T 20100519; FR 0953369 A 20090520; JP 2010130471 A 20100520; KR 20100046932 A 20100519; US 78322610 A 20100519