

Title (en)

SYSTEM FOR MIXING AND DISPENSING FLUIDS

Title (de)

SYSTEM ZUR MISCHUNG UND AUSGABE VON FLÜSSIGKEITEN

Title (fr)

SYSTÈME DE MÉLANGE ET DE DISTRIBUTION DE LIQUIDES

Publication

EP 3562598 B1 20210915 (EN)

Application

EP 17885746 A 20171227

Priority

- US 201615394591 A 20161229
- US 201715410741 A 20170119
- US 2017068604 W 20171227

Abstract (en)

[origin: WO2018125943A1] A mixing and dispensing device comprising an outer casing including a body portion, a handle portion, and a nozzle portion with a nozzle. A mixing manifold disposed in the body portion including a mixing chamber in fluid communication with the nozzle. Canisters within the body portion each including a valve connected to the mixing manifold movable between preventing and providing fluid communication between the canister and the mixing chamber. A trigger disposed within the handle portion and configured to move from a trigger passive to dispensing position causing the valves of each canister to move from a valve passive position to the valve dispensing position. A pull safety including a central cover and a tail tip removably disposed on the outer casing such that the central cover occludes the nozzle and the tail tip prevents movement of the trigger from the trigger passive position to the trigger dispensing position.

IPC 8 full level

B65D 83/20 (2006.01); **B05B 12/00** (2018.01); **B08B 3/02** (2006.01); **B65D 83/22** (2006.01); **B65D 83/24** (2006.01); **B65D 83/68** (2006.01)

CPC (source: EP)

B05B 12/0026 (2018.07); **B08B 3/026** (2013.01); **B65D 83/202** (2013.01); **B65D 83/226** (2013.01); **B65D 83/24** (2013.01);
B65D 83/682 (2013.01); **B65D 83/7538** (2013.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2018125943 A1 20180705; AU 2017388358 A1 20190711; AU 2017388358 B2 20191205; CA 3049840 A1 20180705;
CA 3049840 C 20200128; CN 110139720 A 20190816; CN 110139720 B 20200811; EP 3562598 A1 20191106; EP 3562598 A4 20200122;
EP 3562598 B1 20210915; MX 2019007778 A 20191105; TW 201831232 A 20180901; TW I649129 B 20190201

DOCDB simple family (application)

US 2017068604 W 20171227; AU 2017388358 A 20171227; CA 3049840 A 20171227; CN 201780081352 A 20171227;
EP 17885746 A 20171227; MX 2019007778 A 20171227; TW 106146536 A 20171229