

Title (en)
FILTRATION DEVICE

Title (de)
FILTRIERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE FILTRATION

Publication
EP 3755466 A1 20201230 (EN)

Application
EP 18907101 A 20180224

Priority
CN 2018077160 W 20180224

Abstract (en)
[origin: WO2019161556A1] Filtration device (1) for a system for dispensing a fluid product (18)mixed with fragments (19, 20) not intended to be dispensed, said filtration device (1) comprising: -a first filter for filtering a first kind of fragments (19); -a second filter for filtering a second kind of fragments (20) having a smaller dimension than the dimension of the first kind of fragments (19). Said filtration device (1) is provided with a hollowed central cylinder (2) defining a channel (23) where flows the fluid product (18) once filtered, said channel (23) being delimited by an inlet orifice (22) and an outlet orifice (21), said second filter being located into said channel (23), the first filter consisting in an apertured skirt (3) extending outwardly from the cylinder (2) and surrounding the second filter so as the first kind of fragments (19) is blocked by the skirt (3) and does not reach the second filter.

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 15/30 (2018.02); **B05B 15/40** (2018.02); **B05B 11/10** (2023.01)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2019161556 A1 20190829; CN 111886077 A 20201103; CN 111886077 B 20221004; EP 3755466 A1 20201230; EP 3755466 A4 20210908; EP 3755466 B1 20240501

DOCDB simple family (application)
CN 2018077160 W 20180224; CN 201880090145 A 20180224; EP 18907101 A 20180224