

Title (en)
A HANDHELD APPLIANCE

Title (de)
HANDHALTBARE VORRICHTUNG

Title (fr)
APPAREIL PORTATIF

Publication
EP 3506791 A1 20190710 (EN)

Application
EP 17757833 A 20170817

Priority
• GB 201614661 A 20160830
• GB 2017052428 W 20170817

Abstract (en)
[origin: US2018055184A1] A handheld appliance having a body and an attachment, the body including an outer tube and fluid flow path extending from a fluid inlet to a fluid outlet within the outer tube and a printed circuit board (PCB) arranged within the fluid flow path wherein, the PCB is housed within a housing. The body may further include an inner wall and the inner wall provides the housing for the PCB and the fluid flow path may extend around the housing. The housing may be generally rectangular and may extend across an internal radius of the outer tube. The fluid flow path may extend around both sides of the housing. The housing may include a heat sink which may be in contact with the fluid flow path on one side and with components on the PCB on the other side.

IPC 8 full level
A45D 20/12 (2006.01)

CPC (source: CN EP GB KR US)
A45D 1/02 (2013.01 - KR); **A45D 2/36** (2013.01 - GB); **A45D 6/20** (2013.01 - US); **A45D 20/10** (2013.01 - CN);
A45D 20/12 (2013.01 - CN EP KR US); **A45D 20/50** (2013.01 - GB); **A45D 2001/002** (2013.01 - KR); **A45D 2019/0033** (2013.01 - KR)

Citation (search report)
See references of WO 2018042155A1

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)
US 2018055184 A1 20180301; AU 2017318547 A 20190228; CN 107772738 A 20180309; CN 207532060 U 20180626;
EP 3506791 A1 20190710; GB 201614661 D0 20161012; GB 2553508 A 20180314; JP 2018033965 A 20180308; JP 6542314 B2 20190710;
KR 20190038642 A 20190408; WO 2018042155 A1 20180308

DOCDB simple family (application)
US 201715689693 A 20170829; AU 2017318547 A 20170817; CN 201710749009 A 20170828; CN 201721086409 U 20170828;
EP 17757833 A 20170817; GB 201614661 A 20160830; GB 2017052428 W 20170817; JP 2017165613 A 20170830;
KR 20197007181 A 20170817