

Title (en)  
LIQUID EXTRACTION APPARATUS AND METHOD

Title (de)  
FLÜSSIGKEITSEXTRAKTIONSVORRICHTUNG UND -VERFAHREN

Title (fr)  
APPAREIL ET PROCÉDÉ D'EXTRACTION DE LIQUIDE

Publication  
**EP 3482668 B1 20220727 (EN)**

Application  
**EP 18205031 A 20181107**

Priority  
US 201715808265 A 20171109

Abstract (en)  
[origin: EP3482668A1] An apparatus includes a body, a first tank and a second tank. The body includes a front side, a back side, a top side and a bottom side. The body also includes a first fluid output, a first air passage, a second air passage, and a third air passage. A nozzle is removably attached to the front side of the body. The nozzle includes a fourth air passage proximate the bottom side of the body and a fifth air passage proximate the top side of the body. The fifth air passage is communicatively coupled with the fourth air passage. The nozzle is attached to the body such that the first air passage and the fifth air passage are substantially aligned. The apparatus also includes a handle coupled with the body, a vacuum motor, a fluid pump and a controller configured to activate the fluid pump and/or the vacuum motor.

IPC 8 full level  
**A47L 11/08** (2006.01); **A47L 11/20** (2006.01); **A47L 11/292** (2006.01); **A47L 11/30** (2006.01); **A47L 11/34** (2006.01)

CPC (source: EP KR US)  
**A47L 5/30** (2013.01 - KR); **A47L 7/0009** (2013.01 - KR); **A47L 7/0023** (2013.01 - KR); **A47L 7/0028** (2013.01 - KR); **A47L 7/02** (2013.01 - KR); **A47L 9/009** (2013.01 - KR); **A47L 9/0488** (2013.01 - KR); **A47L 9/2842** (2013.01 - KR); **A47L 9/2857** (2013.01 - KR); **A47L 9/2894** (2013.01 - KR); **A47L 9/325** (2013.01 - KR); **A47L 11/085** (2013.01 - EP US); **A47L 11/201** (2013.01 - EP US); **A47L 11/292** (2013.01 - EP US); **A47L 11/302** (2013.01 - EP US); **A47L 11/34** (2013.01 - EP US); **A47L 11/4008** (2013.01 - US); **A47L 11/4011** (2013.01 - US); **A47L 11/4016** (2013.01 - US); **A47L 11/4041** (2013.01 - US); **A47L 11/4044** (2013.01 - US); **A47L 11/4075** (2013.01 - US); **A47L 11/4083** (2013.01 - US); **A47L 11/4088** (2013.01 - US)

Cited by  
EP4026472A4; US11607093B2; US12011136B2; WO2021216911A1; WO2022192746A1

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)  
**EP 3482668 A1 20190515**; **EP 3482668 B1 20220727**; CA 3012999 A1 20181003; CA 3012999 C 20200630; CN 109758053 A 20190517; CN 109758053 B 20210406; JP 2019107436 A 20190704; JP 6789267 B2 20201125; KR 102083741 B1 20200420; KR 20190053094 A 20190517; PL 3482668 T3 20221212; US 2019133398 A1 20190509

DOCDB simple family (application)  
**EP 18205031 A 20181107**; CA 3012999 A 20180731; CN 201811096800 A 20180919; JP 2018153792 A 20180820; KR 20180132398 A 20181031; PL 18205031 T 20181107; US 201715808265 A 20171109