

Title (en)

Soil water collecting system employing a gas-fluid separating vacuum

Title (de)

Flüssigkeit- Gas separierendes Vakuum Abwasser Sammelssystem

Title (fr)

Système de ramassage d'eaux de déchet utilisant le vide pour séparer le gaz et les fluides

Publication

**EP 1561682 A3 20080220 (DE)**

Application

**EP 05001987 A 20050201**

Priority

DE 102004005525 A 20040203

Abstract (en)

[origin: EP1561682A2] Liquid-gas separating vacuum effluent collecting system comprises a vacuum producing unit formed as a pump connected to a vacuum tube system, an ejector-pump combination, gas-air pump or vacuum container with evacuating pump. The effluent is separated into a gas-air component and a liquid component within the system. Preferred Features: The gas-air mixture and the liquid are further transported into separated pipelines.

IPC 8 full level

**B63B 29/14** (2006.01)

CPC (source: EP)

**B63B 29/14** (2013.01)

Citation (search report)

- [X] DE 4112888 A1 19911024 - METRA OY AB [FI]
- [X] US 5524655 A 19960611 - POWERS THEODORE C [US], et al
- [A] US 5139655 A 19920818 - SIGLER JAMES [US]
- [A] EP 0831182 A2 19980325 - SEALAND TECHNOLOGY INC [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1561682 A2 20050810; EP 1561682 A3 20080220**; DE 102004005525 A1 20051103; DE 102004005525 B4 20091015

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**EP 05001987 A 20050201**; DE 102004005525 A 20040203