

Title (en)

VACUUM WASTE EVACUATION SYSTEM FOR A TOILET MODULE IN A PUBLIC TRANSPORTATION VEHICLE AND TOILET MODULE IN A PUBLIC TRANSPORTATION VEHICLE COMPRISING SAID EVACUATION SYSTEM

Title (de)

VAKUUMSYSTEM FÜR EIN TOILETTENMODUL IN EINEM ÖFFENTLICHEN VERKEHRSMITTEL UND TOILETTENMODUL IN EINEM ÖFFENTLICHEN VERKEHRSMITTEL MIT DIESEM VAKUUMSYSTEM

Title (fr)

SYSTÈME D'ÉVACUATION DE DÉCHETS SOUS VIDE POUR UN MODULE DE TOILETTES DANS UN VÉHICULE DE TRANSPORT PUBLIC ET UN TEL MODULE COMPRENANT LEDIT SYSTÈME D'ÉVACUATION

Publication

EP 3078783 A1 20161012 (EN)

Application

EP 15382173 A 20150409

Priority

EP 15382173 A 20150409

Abstract (en)

Vacuum waste evacuation system (1) for a toilet module in a public transportation vehicle, comprising a sanitary appliance (2) connected to a wastewater tank, and means of depressing said tank for vacuum evacuating the waste when a user actuates a discharge button of the sanitary appliance (2), which is characterized in that it comprises a pinch tube (5) valve (3) to communicate the sanitary appliance (2) with the wastewater tank, and a first control valve (9) of said pinch tube (5) valve (3) which is configured to allow, in a first resting position, the inlet of air or gas to actuate the pinch tube (5) to a closed position, and to allow, in a second active position, the outlet of the air or gas with the aim of returning the pinch tube (5) to an open position, when the user actuates the discharge button of the sanitary appliance (2).

IPC 8 full level

E03F 1/00 (2006.01)

CPC (source: EP)

E03F 1/006 (2013.01)

Citation (search report)

- [X] EP 1840282 A2 20071003 - EVAC INT OY [FI]
- [X] DE 4413493 A1 19941020 - EVAC AB [SE]

Cited by

CN111608243A; DE202023107611U1

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)

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