

Title (en)

Suction system for cleaning trains

Title (de)

Saugsystem zur Reinigung von Zügen

Title (fr)

Système d'aspiration permettant de nettoyer des trains

Publication

**EP 2781426 A1 20140924 (EN)**

Application

**EP 13160596 A 20130322**

Priority

EP 13160596 A 20130322

Abstract (en)

System (1) comprising at least two separate suction units (2, 3), with the first suction unit (2) for suction of liquids, for example sewage, being connected to a liquid container (4) for storing the sucked liquid and with the second suction unit (3) for suction of aerosols, for example liquid aerosols and/or solid aerosols, being connected to an aerosol container (5) for storing the sucked aerosols, wherein the two suction units are connected to a single line (6), to which at least a first suction inlet (7) for liquids, for example sewage and a second suction inlet (8) for aerosols, for example solid and/or liquid aerosols, are connected, with at least one valve (9) arranged such that at suction of the second suction unit (3) the first suction inlet (7) is substantially closed.

IPC 8 full level

**B61D 35/00** (2006.01); **B61K 13/00** (2006.01)

CPC (source: EP)

**B61B 13/00** (2013.01)

Citation (applicant)

DE 20001916 U1 20000629 - HUGO VOGELSANG MASCHINENBAU GM [DE]

Citation (search report)

- [A] EP 2338761 A1 20110629 - GEN VACUUM S R L [IT]
- [AD] DE 20001916 U1 20000629 - HUGO VOGELSANG MASCHINENBAU GM [DE]
- [A] CN 1817491 A 20060816 - SAE MAGNETICS H K LTD OF HONG [HK]
- [A] JP 2000146099 A 20000526 - NIPPON SEIBI KK
- [A] WO 2011000001 A1 20110106 - BANNY-REITER ULRIKE [AT], et al
- [A] CN 2782501 Y 20060524 - TIELI ENVIRONMENT PROT CO LTD [CN]

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)

**EP 2781426 A1 20140924**; EP 2986481 A2 20160224; EP 2986481 B1 20170802; RU 2015144686 A 20170502; WO 2014147259 A2 20140925; WO 2014147259 A3 20141113

DOCDB simple family (application)

**EP 13160596 A 20130322**; EP 14718923 A 20140324; EP 2014055860 W 20140324; RU 2015144686 A 20140324