

Title (en)

Suction device for a road vehicle

Title (de)

Saugvorrichtung für ein Strassenfahrzeug

Title (fr)

Dispositif d'aspiration pour véhicule de voirie

Publication

EP 1783279 A1 20070509 (FR)

Application

EP 06023097 A 20061106

Priority

FR 0511321 A 20051108

Abstract (en)

The device has an air funnel (5) fixed on a front axle (6) of a chassis (2) of a road vehicle and connected to a pipe (7) by an upper end for transferring aspirated waste. The funnel is activated by a jack (8) having two rotational axles and is mounted on a roller (14). A guide rail (9) limits the displacement of the jack which is fixed on the axle. The funnel is controlled by an anti-return valve for maintaining the funnel in upper position.

IPC 8 full level

E01H 1/08 (2006.01)

CPC (source: EP)

E01H 1/0845 (2013.01)

Citation (applicant)

US 2002138939 A1 20021003 - SMITH WILTON E [US], et al

Citation (search report)

- [XA] US 2002138939 A1 20021003 - SMITH WILTON E [US], et al
- [A] DE 4128988 A1 19930304 - SCHOERLING WAGGONBAU [DE]
- [A] DE 29901597 U1 19990408 - KAERCHER GMBH & CO ALFRED [DE]
- [A] US 3054130 A 19620918 - LUIGI FERRARI

Cited by

EP3825465A1; CN112900333A

Designated contracting state (EPC)

CH DE GB IT LI NL

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1783279 A1 20070509; EP 1783279 B1 20130522; FR 2893042 A1 20070511; FR 2893042 B1 20090814

DOCDB simple family (application)

EP 06023097 A 20061106; FR 0511321 A 20051108