

Title (en)

INTERCHANGEABLE SWEEPING BRUSH UNIT AND ROADSWEeper COMPRISING A SWEEPING BRUSH UNIT OF THIS TYPE

Title (de)

AUSWECHSELBARE KEHRBÜSTENEINRICHTUNG UND KEHRMASCHINE MIT EINER DERARTIGEN KEHRBÜSTENEINRICHTUNG

Title (fr)

DISPOSITIF DE BROSSES DE BALAYAGE INTERCHANGEABLE ET BALAYEUSE COMPORTANT UN TEL DISPOSITIF DE BROSSES DE BALAYAGE

Publication

EP 2408971 A1 20120125 (DE)

Application

EP 10706681 A 20100308

Priority

- EP 2010052908 W 20100308
- DE 102009014560 A 20090316

Abstract (en)

[origin: WO2010105933A1] The invention relates to an interchangeable sweeping brush unit (65) for a carrier vehicle (12), comprising at least one sweeping brush (88, 89) that can be rotatably driven about an approximately vertical brush rotational axis (93, 94) and is held by a supporting frame, the supporting frame being detachably connected to a supporting fork (48) of the carrier vehicle (12), said fork being able to pivot about a first horizontal pivoting axis (68) running transversally to the longitudinal axis of the vehicle. The supporting frame has a first support assembly (66), on which the sweeping brush or brushes (88, 89) is or are rotatably mounted and a second support assembly (70) that can be detachably connected to the supporting fork (48). The first support assembly (66) is connected to the second support assembly (70) and can pivot in relation to the latter about a second horizontal pivoting axis (68) and is detachably connected to the carrier vehicle (12) by means of at least one tension rod (58, 59). The invention also discloses a roadsweeper (10) comprising a sweeping brush unit of this type (65).

IPC 8 full level

E01H 1/05 (2006.01)

CPC (source: EP US)

E01H 1/02 (2013.01 - EP US); **E01H 1/053** (2013.01 - EP US)

Citation (search report)

See references of WO 2010105933A1

Cited by

CN105464027A

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009014560 A1 20100923; CN 102356199 A 20120215; CN 102356199 B 20141022; DK 2408971 T3 20150105; EP 2408971 A1 20120125; EP 2408971 B1 20141105; US 2012124760 A1 20120524; US 9045872 B2 20150602; WO 2010105933 A1 20100923; WO 2010105933 A8 20101118

DOCDB simple family (application)

DE 102009014560 A 20090316; CN 201080012414 A 20100308; DK 10706681 T 20100308; EP 10706681 A 20100308; EP 2010052908 W 20100308; US 201113231102 A 20110913