

Title (en)

Transport vehicle with cutting device for road verges

Title (de)

Transportfahrzeug mit Bankettfräseinrichtung

Title (fr)

Véhicule de transport avec dispositif de fraisage pour accôtments

Publication

EP 1479828 A1 20041124 (DE)

Application

EP 04011292 A 20040512

Priority

DE 10323199 A 20030522

Abstract (en)

The first design is based on a four-axle truck (10). The vehicle's combination of milling and transport allows for an improved workflow. There is no necessity for an interruption of the milling process anymore because the milled material is simultaneously transported into the vehicle's own container (11) via its own conveyor belt (16). A rotating cylinder broom (18) is located at the back of the vehicle (10) to sweep residues of the milled material to the side of the road. The second design is based on a smaller two-axle truck with a trailer. The milling head and conveyor belt are both connected to the truck. The conveyor belt is adjustable to fill the load area of the truck and the trailer. The third design is based on an arrangement where a trailer with a load area is fitted with the holding device, the milling head and the conveyor belt. The fourth design is based on a smaller truck with a second conveyor belt, which reaches over the front of the trucks driving cab to a truck, which drives in front of it. The fifth design is similar to the first but the holding device, milling head and conveyor belt are not located at the front of the vehicle but between the driving cab and the container.

Abstract (de)

Die Erfindung betrifft ein Transportfahrzeug (10) mit einem Ladebehälter (11), welches sich dadurch auszeichnet, das hieran eine seitlich ausfahrbare, hydraulische Haltevorrichtung (13) mit am freien Ende angeordnetem Fräskopf (14) sowie eine Fördervorrichtung zum Transport von Fräsgut vom Bereich des Fräskopfs (14) in den Ladebehälter (11) angeordnet ist. Damit wird erstmals ein Gerät zur Fräsbearbeitung von Banketten bereitgestellt, mittels welchem bei geringem personellen Aufwand und reduziertem Fuhrpark gegenüber dem Stand der Technik weiterhin eine zuverlässige Bearbeitung des Banketts sowie auch ein verringerter Aufwand beim Umsetzen an einen anderen Einsatzort erzielbar sind. <IMAGE>

IPC 1-7

E01H 1/00

IPC 8 full level

E01H 1/00 (2006.01)

CPC (source: EP)

E01H 1/003 (2013.01)

Citation (applicant)

- DE 19739915 A1 19990401 - SCHMAILZL JOHANN [DE]
- DE 19738915 A1 19980319 - DENSO CORP [JP]

Citation (search report)

- [XY] DE 9010447 U1 19901115
- [YA] FR 2573784 A1 19860530 - JOUANNET ANDRE [FR]
- [YA] GB 1195323 A 19700617 - STERLAND GEORGE RICHARD MYCROF
- [X] FR 2664630 A1 19920117 - TARDIEU DENIS

Cited by

GB2566270A; FR2949127A1; DE102011115265A1; DE202011106479U1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1479828 A1 20041124; DE 10323199 A1 20041209

DOCDB simple family (application)

EP 04011292 A 20040512; DE 10323199 A 20030522