

Title (en)

APPARATUS FOR THE APPLICATION OF A SUBSTANCE TO A GROUND SURFACE

Title (de)

VORRICHTUNG ZUM APPLIZIEREN EINER SUBSTANZ AUF EINER BODENOBERFLÄCHE

Title (fr)

APPAREIL POUR L'APPLICATION D'UNE SUBSTANCE À UNE SURFACE DU SOL

Publication

**EP 3456882 A1 20190320 (EN)**

Application

**EP 17191043 A 20170914**

Priority

EP 17191043 A 20170914

Abstract (en)

An apparatus for the application of a substance to a ground surface, such as a road, comprises a frame (1) and a substance distributing assembly (2) mounted thereon. The substance distributing assembly (2) comprises a granulate hopper (10), a granulate dosing unit (11) connected to said granulate hopper (10), and a rubbing unit (12) with an annular rubbing element (13). The annular rubbing element (13) contacts the ground surface along an arcuate rubbing zone (22) and is driven to rotate about an axis (X) upstanding from the ground surface. The granulate dosing unit (11) comprises an outlet positioned to discharge the dosed granulate into the inner of the rotating annular rubbing element (13).

IPC 8 full level

**E01H 1/00** (2006.01)

CPC (source: EP)

**E01H 1/001** (2013.01)

Citation (search report)

- [XAI] WO 2011161448 A1 20111229 - NTNU TECHNOLOGY TRANSFER AS [NO], et al
- [A] DE 20106858 U1 20010726 - FITSCH THOMAS [DE]
- [A] US 2017101752 A1 20170413 - MCCALLUM ERICK [US]
- [A] DE 4014854 A1 19911114 - BIEK VOLKER DR [DE]

Cited by

CN109989373A

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 3456882 A1 20190320**

DOCDB simple family (application)

**EP 17191043 A 20170914**