

Title (en)
Spreading vehicle for servicing of roads in winter

Title (de)
Winterdienst-Streufahrzeug

Title (fr)
Epandeuse pour le traitement hivernal de chaussées

Publication
EP 1887144 A1 20080213 (DE)

Application
EP 06016015 A 20060801

Priority
EP 06016015 A 20060801

Abstract (en)
Scattering vehicle (1) comprises air stream deflecting surfaces with a lateral deflecting element (6) on the right and left of a scattering material container (3) so that the air stream (7) is deflected into partial streams which flow from the end of the deflecting element not downward to a scattering plate (10) but backward. Preferred Features: The guiding elements deviate the lateral air stream to the center of the scattering material and are arranged above the scattering plate.

Abstract (de)
Im Nachlauf (9) eines Streufahrzeugs (1) wird mittels unterschiedlicher Fahrtwindleitflächen zur Reduzierung von das Streubild negativ beeinflussenden Verwirbelungen seitlicher Fahrtwind (7) und/oder oberer Fahrtwind (20) und/oder unterer Fahrtwind (23) umgeleitet und/oder in Teilströme zerlegt, wobei vorzugsweise ein den vom Streuteller (10) abgeschleuderten Streugutfächer schützend umgebendes Strömungsfeld erzeugt wird, welches im Wesentlichen parallel zur Streutellerrotationsebene verläuft.

IPC 8 full level
E01H 10/00 (2006.01); **A01C 17/00** (2006.01); **E01C 19/20** (2006.01)

CPC (source: EP)
E01C 19/203 (2013.01); **E01C 19/205** (2013.01); **E01H 10/007** (2013.01)

Citation (search report)

- [X] JP 2006161471 A 20060622 - HANDA KIKAI KK
- [XD] DE 3325940 C1 19850314 - KUEPPER WILLY
- [X] FR 1195135 A 19591116 - AUGUST GRUSE MASCHINENFABRIK
- [X] US 2003155453 A1 20030821 - KINKEAD SCOTT [US], et al
- [A] US 4978068 A 19901218 - ELDRIDGE STANLEY W [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1887144 A1 20080213; **EP 1887144 B1 20100210**; AT E457388 T1 20100215; DE 502006006111 D1 20100325; EP 2052114 A1 20090429; EP 2052114 B1 20160907; WO 2008014913 A1 20080207; WO 2008014913 A8 20090409

DOCDB simple family (application)
EP 06016015 A 20060801; AT 06016015 T 20060801; DE 502006006111 T 20060801; EP 07786335 A 20070725; EP 2007006611 W 20070725