

Title (en)
Road spreading vehicle for winter service

Title (de)
Winterdienststreuvorrichtung

Title (fr)
Véhicule d'épandage pour service d'hiver

Publication
EP 1775386 A1 20070418 (DE)

Application
EP 05022391 A 20051013

Priority
EP 05022391 A 20051013

Abstract (en)
Snow clearing device has inner surface which has a concave curved cross section. The intersection point of a linear extension of the sliding surface (7) lies within the inner surface (4a) of the mouthpiece (4) at a place, which is away from the outlet end (4c) of the mouthpiece by 200mm, preferably 230mm. The inner surface of the mouthpiece has an inclined angle of 20[deg] at the outlet end relative to the rotational axis (5) of the spreading disc (6).

IPC 8 full level
E01H 10/00 (2006.01)

CPC (source: EP NO)
E01H 10/007 (2013.01 - EP NO)

Citation (applicant)
• EP 1491686 A2 20041229 - SCHMIDT HOLDING GMBH [DE]
• DE 3924647 A1 19910131 - SCHMIDT ALFRED ING GMBH [DE]
• EP 1433902 A2 20040630 - KUEPPER WEISSER GMBH [DE]
• DE 20119003 U1 20020228 - LINDNER ANTON [DE]

Citation (search report)
• [XY] EP 1491686 A2 20041229 - SCHMIDT HOLDING GMBH [DE]
• [X] EP 1127981 A2 20010829 - KUEPPER WEISSER GMBH [DE]
• [XY] DE 3924647 A1 19910131 - SCHMIDT ALFRED ING GMBH [DE]
• [Y] CH 382790 A 19641015 - KOFEL FERDINAND [CH]
• [Y] EP 0303082 A1 19890215 - SCHMIDT ALFRED ING GMBH [DE]
• [Y] EP 1433902 A2 20040630 - KUEPPER WEISSER GMBH [DE]

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 1775386 A1 20070418; JP 2007120287 A 20070517; JP 4827681 B2 20111130; NO 20064537 L 20070416; NO 345266 B1 20201123

DOCDB simple family (application)
EP 05022391 A 20051013; JP 2006280464 A 20061013; NO 20064537 A 20061006