

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

Title (de)
Winterdienst-Streugerät

Title (fr)
Appareil de répannage pour service d'hiver

Publication
EP 0477703 B2 19990331 (DE)

Application
EP 91115609 A 19910914

Priority
DE 4030676 A 19900928

Abstract (en)
[origin: EP0477703A1] In a gritting apparatus (3) for servicing roads in winter, which is mobile or mounted on a gritting vehicle (1), the gritting material is fed, proportional to the driving speed, in meterable amounts to a hydromotor-driven gritting element (7) which rotates about an essentially vertical axis, can be adjusted to different speeds of rotation and gritting widths and is adjustable transversely with respect to the driving direction (arrow 37) in relation to the central longitudinal axis (9) of the gritting apparatus (3) and/or of the gritting vehicle (1) by means of a remote-controlled adjustment drive (22) and whose operating position is indicated by a gritting pattern indicator (28). In order to be able to set the position of the gritting pattern (15) in a manner which is controlled and as precise as possible and to be able to read off this setting exactly, the gritting pattern display takes place by means of an electronic display device in such a way that, in addition to or instead of the set gritting width, in each case the widths of the two gritting pattern sections (15/1, 15/2) lying to the right and left of the central longitudinal axis (9) of the gritting vehicle (1) or of the gritting apparatus (3) are displayed. <IMAGE>

IPC 1-7
E01C 19/20

IPC 8 full level
E01C 19/20 (2006.01)

CPC (source: EP)
E01C 19/203 (2013.01)

Cited by
DE19825917A1; DE29516666U1; FR2773183A1; DE4222701A1; DE4244913C2; DE10140975A1; DE19619419A1; DE19619419B4; WO9935336A1

Designated contracting state (EPC)
AT CH DE DK FR IT LI NL SE

DOCDB simple family (publication)
EP 0477703 A1 19920401; EP 0477703 B1 19941207; EP 0477703 B2 19990331; AT E115215 T1 19941215; DE 59103787 D1 19950119; DE 9110099 U1 19911114; DK 0477703 T3 19950515; DK 0477703 T4 19991011; FI 914522 A0 19910926; FI 914522 A 19920329; FI 97161 B 19960715; FI 97161 C 19961025; NO 311305 B1 20011112; NO 913466 D0 19910904; NO 913466 L 19920330

DOCDB simple family (application)
EP 91115609 A 19910914; AT 91115609 T 19910914; DE 59103787 T 19910914; DE 9110099 U 19910816; DK 91115609 T 19910914; FI 914522 A 19910926; NO 913466 A 19910904