

Title (en)

Device for spreading pre-wetted granular material.

Title (de)

Streuvorrichtung zum Ausstreuen angefeuchteter Granulate.

Title (fr)

Dispositif de distribution de produits granulaires premouillés.

Publication

**EP 0427995 B1 19940601 (DE)**

Application

**EP 90120663 A 19901029**

Priority

DE 3937675 A 19891113

Abstract (en)

[origin: EP0427995A1] In spreading devices with a spreading plate (1) as spreading member, which is motor-driven to rotate about an essentially vertical shaft (8) and provided with a number of essentially radially running casting shovels (15) which end at a central guide member (9), granular material to be spread is selectively supplied via a granular-material chute (11) to the guide member (9) and in this region mixed with moistening liquid. For better mixing of the media to be spread and guarantee of more uniform distribution of material to be spread, the spreading plate (1) is provided along the casing surface of the cylindrical or frustoconical guide member (9) with more than twelve impact surfaces (10) which are formed by tooth profiles of the guide member (9) or by the inner end sections of the casting shovels (15) and which, in the respective point of intersection (13) with the apex line (12) of the granular-material chute (11), form with the radial running through this point of intersection (13) an angle of incidence of approximately 40 DEG to 60 DEG . These impact surfaces are adjoined by the casting shovels (15) in such a manner that they run in the same direction as the impact surfaces (10) at least in the inner third of the spreading plate radius. (Fig. 2) <IMAGE>

IPC 1-7

**E01H 10/00**

IPC 8 full level

**E01H 10/00** (2006.01)

CPC (source: EP)

**E01H 10/007** (2013.01)

Cited by

US8821230B2; DE10153982C1; EP0675231A1; EP3929358A1; WO2005033417A1; EP1775385A1

Designated contracting state (EPC)

AT CH DK FR IT LI NL SE

DOCDB simple family (publication)

**EP 0427995 A1 19910522; EP 0427995 B1 19940601**; AT E106479 T1 19940615; DE 3937675 A1 19910523; DE 3937675 C2 19920305; DK 0427995 T3 19941031; FI 90270 B 19930930; FI 90270 C 19940110; FI 905577 A0 19901112; NO 176121 B 19941031; NO 176121 C 19950208; NO 904542 D0 19901022; NO 904542 L 19910514

DOCDB simple family (application)

**EP 90120663 A 19901029**; AT 90120663 T 19901029; DE 3937675 A 19891113; DK 90120663 T 19901029; FI 905577 A 19901112; NO 904542 A 19901022