

Title (en)

Road paver-finisher with automatic control of the height of the transverse augers with respect to the screed

Title (de)

Strassendeckenfertiger mit automatischer Regelung der Höhe des Querverteilers relativ zur Glättbohle

Title (fr)

Finisseur avec réglage automatique de la hauteur des vis transversales par rapport à la poutre lisseuse

Publication

EP 0774542 A1 19970521 (EN)

Application

EP 96118184 A 19961113

Priority

IT MI952363 A 19951116

Abstract (en)

A road paver-finisher having a screed unit of the semi-floating type in front of which operates a system of augers for transverse distribution of the mixture to be laid, has the auger(s) (15) mounted on a sub-frame (32) equipped with arms (34) that remain approximately parallel to the arms (16) of the screed (11), the front ends (35) of the arms (34) of the sub-frame (32) being mounted on the tractor (10) at their centers of rotation (36), the latter always being situated very close to the centers of rotation and traction (18) of the front end (17) of the arms (16) of the screed (11), the upward and downward movement of the augers taking place as a motion of rotation around the centers (36) by means of actuators, for example hydraulic pistons (40') mounted on the tractor (10) that engage on the sub-frame (32) or on the arms (34). <IMAGE>

IPC 1-7

E01C 19/40

IPC 8 full level

E01C 19/40 (2006.01)

CPC (source: EP)

E01C 19/405 (2013.01); **E01C 2301/16** (2013.01)

Citation (applicant)

CH 336858 A 19590315 - DOMENIGHETTI COSTANTE [IT]

Citation (search report)

- [A] DE 4229465 A1 19940310 - ULM GMBH MASCHBAU [DE]
- [A] EP 0240477 A2 19871007 - WHITE CONSOLIDATED IND INC [US]
- [A] DE 29510058 U1 19951102 - VOEGELE AG J [DE]
- [A] DE 2109833 A1 19720914

Cited by

EP1310598A3; CN113404266A; US2014251697A1; US10041301B2; CN111694312A; US6932538B2; WO2022002143A1; USD971968S; USD1001161S; US8001946B2; US10724301B2; US10787861B2

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