

Title (en)

METHOD AND CONSTRUCTION MACHINE FOR PRODUCING GROUND SURFACES

Title (de)

VERFAHREN UND ARBEITSMASCHINE ZUR HERSTELLUNG VON BODENFLÄCHEN

Title (fr)

PROCEDE ET ENGIN POUR PRODUIRE DES SURFACES DE SOL

Publication

EP 1204800 A1 20020515 (DE)

Application

EP 00947983 A 20000713

Priority

- DE 19939796 A 19990821
- EP 0006660 W 20000713

Abstract (en)

[origin: DE19939796C1] The earthworking machine has an excavator arm (2) with a shovel (7) which is raised and lowered via a hydraulic cylinder (3), coupled to at least one pump (9), controlled in dependence on the position of an operator control (17). The weight of the excavator arm and the shovel is compensated automatically during the movement of the excavator arm, by correction of the hydraulic pressure with a variable compensation pressure, e.g. provided by an auxiliary pump (29), controlled by monitoring the centre of gravity of the excavator arm.

IPC 1-7

E02F 3/43; **E02F 9/22**

IPC 8 full level

E02F 3/43 (2006.01); **E02F 9/22** (2006.01); **F15B 11/028** (2006.01)

CPC (source: EP US)

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Citation (search report)

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