

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 B1 20030528 (DE)

Application
EP 00947983 A 20000713

Priority
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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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