

Title (en)

SOIL CULTIVATION MACHINE AND METHOD FOR CUTTING SOILS OR TRAFFIC SURFACES

Title (de)

BODENBEARBEITUNGSMASCHINE, SOWIE VERFAHREN ZUM FRÄSEN VON BODEN- ODER VERKEHRSFLÄCHEN

Title (fr)

MACHINE DE TRAVAIL DU SOL ET PROCÉDÉ DE FRAISAGE DE SOLS OU DE VOIES DE CIRCULATION

Publication

EP 2977514 B1 20170705 (DE)

Application

EP 15176984 A 20150716

Priority

DE 102014214436 A 20140723

Abstract (en)

[origin: US2016024728A1] In a ground working machine for working ground surfaces or traffic surfaces, in particular cold recycler or soil stabilizer as a self-propelled machine or attachment unit, featuring a machine frame, featuring a milling/mixing drum rotating transversely to the working direction of the machine frame, featuring a drum housing enclosing the milling/mixing drum and resting on the ground surface during the milling operation that forms a mixing chamber for crushing the milled material and/or mixing the milled material with additives, where the milling/mixing drum is height-adjustable for adjustment of a selectable milling depth, featuring a pivotable drum flap arranged, as a minimum, at the front end of the drum housing as seen in working direction, and featuring a controller for, as a minimum, the working process, it is provided for the following features to be achieved: the drum flap is, as a minimum, of two-part design and comprises no less than one upper part and one lower part, in which design no less than one part is pivotable and no less than one further part is adjustable in a telescoping fashion linearly or in the shape of an arc.

IPC 8 full level

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CPC (source: EP US)

E01C 21/00 (2013.01 - EP US); **E01C 23/065** (2013.01 - US); **E01C 23/088** (2013.01 - EP US); **E01C 23/127** (2013.01 - US)

Cited by

CN105926413A; CN110080072A; IT202100010304A1; US11613856B2; EP4190973A1; DE102021131906A1

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EP 15176984 A 20150716; CN 201510434911 A 20150722; CN 201520536249 U 20150722; DE 102014214436 A 20140723; US 201514746990 A 20150623; US 201815865534 A 20180109