

Title (en)
SOIL PROCESSING MACHINE

Title (de)
BODENBEARBEITUNGSMASCHINE

Title (fr)
MACHINE DE TRAITEMENT DU SOL

Publication
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Application
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Abstract (en)
[origin: US2020318297A1] The invention relates to an earth working machine (10), in particular a road milling machine, a stabilizer, or the like, having a milling drum (30) that is mounted rotatably on a machine frame (11) and is populated or populatable on its outer circumference with working tools (31); the working tools (31) being provided so as to come into contact, during working operation, with the ground that is to be worked in order to remove it; a drive unit (20) being provided which drives the milling drum (30) by means of a drive motor (21); an input drive shaft (33) that is couplable to the drive motor (21) being attached to the milling drum (30); and a ballast element, constituting a kinetic mass (57), being provided in order to increase the kinetic energy of the milling drum (30). In order to allow an earth working machine of this kind to be adapted in simple fashion to different milling applications, provision is made according to the present invention that the kinetic mass (57) is couplable to or decouplable from the rotatable milling drum (30), or a rotational member indirectly or directly coupled to the milling drum (30), via a shiftable coupling (55).

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