

Title (en)
MACHINE TOOL AND METHOD FOR MACHINING A SOIL

Title (de)
ARBEITSMASCHINE UND VERFAHREN ZUM BEARBEITEN EINES BODENS

Title (fr)
MACHINE DE TRAVAIL ET PROCEDE DESTINÉ AU TRAITEMENT D'UN SOL

Publication
EP 3228756 B1 20180912 (DE)

Application
EP 16163646 A 20160404

Priority
EP 16163646 A 20160404

Abstract (en)
[origin: US2017284162A1] A machine and a method for earth-working with a machine, having a mast, along which a top drive can be moved vertically by an adjusting device, through which top drive a telescopic kelly bar is displaceably guided, which has at least one outer kelly bar, which is designed to come to lie on the top drive, and one inner kelly bar, which comprises a rope suspension for a rope, through which the inner kelly bar is moved vertically by a rope winch. The adjusting device for the top drive and/or the main rope winch for the kelly bar is/are automatically controlled, wherein the inner kelly bar is moved relative to the top drive in some areas in a rapid travel mode at a first speed and in some areas in a conservative travel mode, in which the speed is reduced in comparison with the first speed.

IPC 8 full level
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CPC (source: CN EP RU US)
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Citation (opposition)
Opponent : : ABI Anlagentechnik-Baumaschinen-Industriebedarf Maschinenfabrik und Vertriebsgesellschaft mbH
• DE 102014109918 A1 20160121 - BAUER MASCHINEN GMBH [DE]
• EP 1655415 A1 20060510 - BAUER MASCHINEN GMBH [DE]
• EP 2048321 A1 20090415 - BAUER MASCHINEN GMBH [DE]

Cited by
EP4215675A1; EP3779117A1; AU2020333796B2; EP4245923A1; US11939821B2; WO2021032461A1; EP4116498A1; WO2023174679A1

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