

Title (en)

TRENCHING APPARATUS AND A METHOD OF TRENCHING

Title (de)

AUFGRABUNGSVORRICHTUNG UND VERFAHREN ZUR AUFGRABUNG

Title (fr)

APPAREIL DE CREUSEMENT DE TRANCHÉES ET PROCÉDÉ DE CREUSEMENT DE TRANCHÉES

Publication

EP 3874095 A2 20210908 (EN)

Application

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Abstract (en)

[origin: WO2020089251A2] The invention provides a trenching apparatus, comprising: a trencher body moveable on the ground surface, above the level of the trench; a ground engagement boom associated with the trencher body and lifting means arranged to control and configure the ground engagement boom so as to enter the ground in a substantially vertical configuration. The trenching apparatus further comprising selectively configurable support legs moveable between a first closed position and a second deployed configuration in which the legs are extended in a direction away from the body of the prime mover to provide support to the trenching apparatus when the boom is configured vertically and not engaged with the ground. The main body of the trenching apparatus having a protection chute provided on the body to protect the body from material that falls from the boom, when the boom is in the inclined orientation. On the ground engagement boom there is provided a chain for interacting with earth in use and a subsequent winch provided on the body to engage with the chain of the ground engagement boom when in the inclined orientation. There is also disclosed an endless chain ground-engaging boom, comprising a main body and a chain tensioner coupled to the main body at the upper end thereof, and an auxiliary power supply arranged to provide power to the lifting means in the event of failure of the main power supply.

IPC 8 full level

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Citation (search report)

See references of WO 2020089251A2

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