

Title (en)

METHOD AND AN ARRANGEMENT FOR EARTH SEPARATION AND LOADING

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ABTRENNUNG UND LADUNG VON ERDE

Title (fr)

PROCEDE ET AGENCEMENT D'ENLEVEMENT ET DE CHARGEMENT DE TERRE

Publication

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Application

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- PL 31729696 A 19961202

Abstract (en)

[origin: WO9824983A1] The invention enables separation of earth from subsoil at many times lower cutting resistance and at higher speed. The applied continuous output loading onto means of transport substantially increases additionally the productivity of the arrangement in relation to other excavators with thus mechanism. The arrangement/excavator consists of undercarriage (1) and rotary platform (2) on which are mounted an extension arm (4) with bucket wheel (6), provided preferably with three buckets (7) cutting earth downward and then moving the output along slip plate (11) to a chute (14), wherefrom such output is transferred to continuous duty conveyor I (15), mounted also on this rotary platform (2). Then the output is transferred to continuous duty conveyor II (20), mounted independently and rotationally on undercarriage (1), which conveyor loads the output on independent means of transport. The invention may find an application in loading an unloading equipment for crushed materials.

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