

Title (en)

EXCAVATOR HAVING A SUCTION PUMP AND METHOD OF EXCAVATING MATERIAL WITH SUCH AN EXCAVATOR

Title (de)

BAGGER MIT EINER SAUGPUMPE UND VERFAHREN ZUM AUSHEBEN VON MATERIAL MIT EINEM SOLCHEN BAGGER

Title (fr)

EXCAVATEUR MUNI D'UNE POMPE D'ASPIRATION ET PROCÉDÉ D'EXCAVATION DE MATÉRIAUX À L'AIDE D'UN TEL EXCAVATEUR

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Application

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Abstract (en)

[origin: EP3739130A1] The present invention relates to an excavator (1), comprising:- a driveable mobile carrier (4) that comprises a discharge (10);- a suction pump (2) that is connected to a suction hose (3);- a container (6) that is configured to:- temporarily store excavation material (7); and- simultaneously, without interruption of suction of excavation material (7) by the suction pump (2), receive excavation material (7) via an inlet (8) that is connected to the suction hose (3) and discharge excavation material (7) via an outlet (9) that is connectable to the discharge (10);- a superstructure (11) that comprises the container (6) and that is rotatably connected to the mobile carrier (4) with a radial bearing (12); and- an outlet guide (15) that is arranged between the outlet (9) and the discharge (10) and that passes through said radial bearing (12).The invention further relates to a method of excavating material with such an excavator.

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