

Title (en)  
SLOTTED WALL GRIPPER, METHOD FOR OPERATING SAME, AND CIVIL ENGINEERING METHOD

Title (de)  
SCHLITZWANDGREIFER, VERFAHREN ZUM BETRIEB EINES SCHLITZWANDGREIFERS UND TIEFBAUVERFAHREN

Title (fr)  
ÉLÉMENT D'ANCRAGE SUR UNE TRANCHÉE, SON PROCÉDÉ DE FONCTIONNEMENT ET PROCÉDÉ DE CONSTRUCTION SOUTERRAINE

Publication  
**EP 3798367 B1 20220309 (DE)**

Application  
**EP 19199492 A 20190925**

Priority  
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Abstract (en)  
[origin: CN112554258A] The invention relates to a groove wall gripper and a method for operating a groove wall gripper. The groove wall gripper comprises a support-type guide frame; a connecting device for suspending the groove wall gripper at the upper end region of the guide frame; and two gripper shovels arranged at the lower end region of the guide frame and each pivotable about shovel pivot bearings between an openreceiving position for receiving soil material and a closed position in which the gripper shovels rest against each other so as to enclose the received soil material. According to the invention, in order to pivot the gripper shovels, an inner shovel pivot bearing is arranged on at least one bearing carriage which is mounted on the guide frame so as to be displaceable between a lower carriage position and an upper carriage position; furthermore, the gripper shovels are each connected to the guide frame via at least one hinge bar.

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Cited by  
EP4296431A1; WO2023247094A1; EP4134489A1; WO2023016914A1; EP4134490A1; WO2023016883A1; EP4249687A2

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