

Title (en)  
CLAMSHELL GRAB FOR DRILLING CYLINDRICAL HOLES

Title (de)  
ZWEISCHAUFELGREIFER ZUM HERSTELLEN ZYLINDRISCHER BOHRUNGEN

Title (fr)  
BENNE A MACHOIRES DE FORAGE DE PUITS CYLINDRIQUES

Publication  
**EP 0689636 A1 19960103 (DE)**

Application  
**EP 94911826 A 19940319**

Priority  
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• DE 4309269 A 19930323

Abstract (en)  
[origin: WO9421884A1] A clamshell grab for making cylindrical holes in the ground, the clamshell sections of which, articulated at the lower end of the grab frame on the clamshell pivots, can be opened and closed by means of push-pullrods, with a rigid grab frame consisting of a base plate (2), four uprights (3), and a main cross-member (4, 6), a driving carriage (12) sliding on the uprights (3) on which the push-pullrod system (15) for moving the clamshell sections (5) pivots, with clamshell pivots (31) releasably fitted on the base plate (2) secured to the uprights (3) and connecting means (18, 30) between the frame and the grab arranged on the main cross-member (4, 6) releasably secured to the uprights (3), and concave supporting rockers (11) articulated on the uprights (3) on at least two opposite sides with an outer profile approximately corresponding to the radius of the hole.

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**E21B 27/00**; **E21B 11/04**

IPC 8 full level  
**E02F 3/47** (2006.01); **E21B 11/04** (2006.01); **E21B 17/10** (2006.01); **E21B 27/00** (2006.01)

CPC (source: EP KR US)  
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**DE 4309269 A1 19940929**; CN 1046987 C 19991201; CN 1119884 A 19960403; DE 59403029 D1 19970710; EP 0689636 A1 19960103; EP 0689636 B1 19970604; JP 2719611 B2 19980225; JP H08506394 A 19960709; KR 0177262 B1 19990218; KR 960701280 A 19960224; WO 9421884 A1 19940929

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