

Title (en)
EXCAVATING EQUIPMENT

Title (de)
BAGGERAUSRÜSTUNG

Title (fr)
MATÉRIEL D'EXCAVATION

Publication
EP 0725757 A1 19960814 (EN)

Application
EP 94909704 A 19940222

Priority
• IL 10482093 A 19930222
• US 9401777 W 19940222

Abstract (en)
[origin: WO9419272A1] Excavating equipment comprising a rigid support structure (1) with surface clamping means (18) articulately mounted thereon; excavating means (2) downstream of the surface clamping means (18) in a direction of excavation; power means (7) coupled to the excavating means (2) for operating same and coupled to the surface clamping means for displacing them against rigid supporting surfaces so as to generate a counter-reaction to forces generated by operation of the excavating means; and equipment displacing means (20) coupled to the support structure for displacing the equipment into and out of an excavation. Alternately, when the equipment is used for excavating in rocky sites, the equipment can comprise a first rigid support structure (1) articulated to the first structure and a second rigid support structure (35) articulated to the first support structure; expansion means for displacing the second rigid structure with respect to the first rigid structure; rotary milling means (34) mounted on the second rigid structure; and power means (36) coupled to the rotary milling cutters for operating same.

IPC 1-7
B66C 3/02; **E02F 5/16**

IPC 8 full level
B66C 3/02 (2006.01); **E02D 17/13** (2006.01); **E02F 3/26** (2006.01); **E02F 3/47** (2006.01); **E02F 5/02** (2006.01); **E21B 4/18** (2006.01); **E21B 7/00** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)
B66C 3/02 (2013.01); **E02D 17/13** (2013.01); **E02F 3/26** (2013.01); **E02F 3/47** (2013.01); **E02F 5/02** (2013.01); **E02F 9/2275** (2013.01); **E21B 4/18** (2013.01); **E21B 7/001** (2013.01)

Designated contracting state (EPC)
AT DE FR GB IT

DOCDB simple family (publication)
WO 9419272 A1 19940901; CA 2155312 A1 19940901; EP 0725757 A1 19960814; EP 0725757 A4 19970730; IL 104820 A0 19930610; IL 104820 A 19951127; PL 176583 B1 19990630; PL 310128 A1 19951127; RU 2124609 C1 19990110

DOCDB simple family (application)
US 9401777 W 19940222; CA 2155312 A 19940222; EP 94909704 A 19940222; IL 10482093 A 19930222; PL 31012894 A 19940222; RU 95118871 A 19940222