

Title (en)  
EXCAVATING EQUIPMENT

Title (de)  
BAGGERAUSRÜSTUNG

Title (fr)  
MATÉRIEL D'EXCAVATION

Publication  
**EP 0725757 A4 19970730 (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.

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IPC 8 full level  
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Citation (search report)  
• [XY] DE 4018086 A1 19920521 - WAGNER GUENTER [DE]  
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• [YA] DE 3615068 C1 19871008 - DYCKERHOFF & WIDMANN AG  
• [DY] US 4770256 A 19880913 - LIPSKER YITSHAQ [IL], et al  
• [A] FR 2573475 A1 19860523 - SOLETANCHE [FR]  
• [A] EP 0518298 A1 19921216 - BAUER SPEZIALTIEFBAU [DE]  
• See references of WO 9419272A1

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