

Title (en)
Excavation equipment

Title (de)
Ausgrabungsanlage

Title (fr)
Equipement d'excavation

Publication
EP 0872596 A3 19990331 (EN)

Application
EP 98106388 A 19980408

Priority
IT TO970324 A 19970417

Abstract (en)
[origin: EP0872596A2] This invention relates to excavations for diaphragms, in particular to the type including : a hydraulic bucket (16), at least one wire line (21) to lift and lower the bucket (16) along a vertical excavation axis (x), a telescopic guide group (13 - 15) to guide the bucket along the excavation axis, and a rotation device (31) to rotate the bucket around the excavation axis. The rotation device (31) is interposed between the telescopic guide group (13 - 15) and the bucket (16) ; the wire line (21) is fixed to an element (15) arranged upstream of the rotation device (31). The equipment includes flexible conduits (19) for bucket activation and winding paddle wheels (20) to wind the conduits around a horizontal axis. The paddle wheels (20) are also mounted on a non rotating structural element (13) arranged upstream of the rotating device (31). <IMAGE>

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IPC 8 full level
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Citation (search report)
• [YA] EP 0533559 A1 19930324 - SOL COMP DU [FR]
• [YA] CH 459076 A 19680630 - SANKBRUNNAR AB [SE]
• [A] DE 19605879 A1 19960822 - THUMM HEINZ OELHYDRAULIK [DE]
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