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(11) **EP 0 872 596 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
31.03.1999 Bulletin 1999/13

(51) Int. Cl.⁶: **E02D 17/13, E02F 3/28**

(43) Date of publication A2:
21.10.1998 Bulletin 1998/43

(21) Application number: **98106388.6**

(22) Date of filing: **08.04.1998**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**

Designated Extension States:
AL LT LV MK RO SI

(30) Priority: **17.04.1997 IT TO970324**

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(54) **Excavation equipment**

(57) 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).

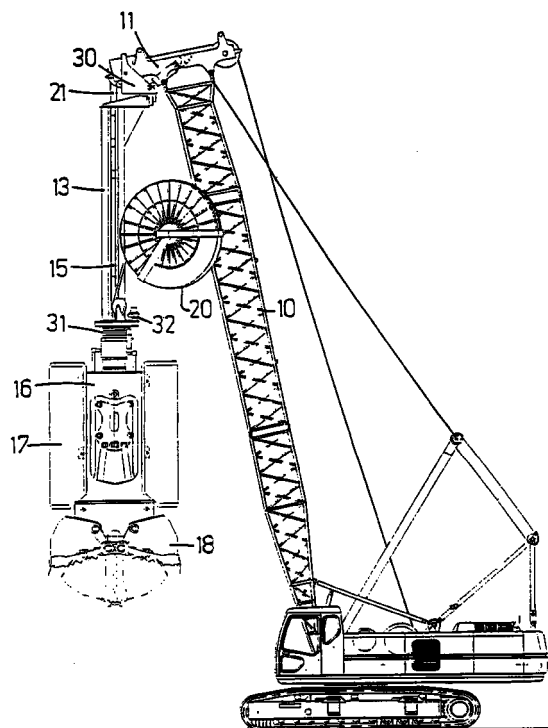


FIG.4



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EUROPEAN SEARCH REPORT

Application Number
EP 98 10 6388

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			E02D E02F
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		10 February 1999	Kergueno, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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