

Title (en)
Rock bolting apparatus.

Title (de)
Maschine zum Setzen von Gebirgsankern.

Title (fr)
Machine pour installer des boulons d'ancrage.

Publication
EP 0034134 A1 19810819 (EN)

Application
EP 81850017 A 19810203

Priority
SE 8001018 A 19800208

Abstract (en)
A rock bolting apparatus includes a rock drill (40) and a bolt setting machine (50) which are carried by a swingable unit connected to a boom (11), the swingable unit (18) being swingable relative to the boom (11) about a given axis (21). The rock drill (40) and the bolt setting machine (50) are laterally displaceable into and out of working position by means of a controlled swinging movement of the swingable unit (18) about the given axis (21). In order to fix the given axis (21) in relation to the rock surface (45) during the swinging movement, the swingable unit (18) is clampable between the rock surface (45) and the boom (11) by a jack (63) arranged on the swingable unit, the jack (63) being extensible in alignment with the given axis (21). The swingable unit (18) further includes a first feed (26) bar for feeding and guiding the rock drill (40) and a second feed bar (27) for the bolt setting machine (50), the feed bars (26, 27) being mutually displaceable by power in their longitudinal direction.

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CPC (source: EP)
E21D 20/003 (2013.01)

Citation (search report)
FR 2417628 A1 19790914 - LORRAINE HOUILLERES [FR]

Cited by
FR2520800A1; DE3416144A1; EP1533470A1; FR2862337A1; FR2526479A1; US6698529B2; EP0130969A3; AT384860B; EP0146009A1; CN118148684A; US9856733B2; WO2013127407A1

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