

Title (en)
METHOD FOR PLACING TRACTION OR COMPRESSION ANCHORS BENEATH THE WATER LEVEL FOR ANCHORING A SHEET PILE WALL OR THE LIKE

Publication
EP 0217366 B1 19891123 (DE)

Application
EP 86113464 A 19861001

Priority
DE 3535319 A 19851003

Abstract (en)
[origin: US4711604A] For the installation of an anchor member at a location below a water level through a retaining wall into a soil formation for supporting the wall, a drill mount is pivotally mounted about a horizontal axis on a retaining member secured to the wall. The drill mount can be pivoted between a drilling position inclined downwardly toward the wall and an upwardly extending loading position where the drill mount is accessible above the water level. A cable line secured to the drill mount pivots it between the drilling and loading positions. A drilling machine is displaceable on a sliding carriage along the drill mount. A drilling tool inserted into the drilling machine is used to drill an opening through the wall. Subsequently the drilling tool is replaced by a borehole pipe and the pipe is driven through the wall opening into the soil formation. With the borehole pipe inserted, an anchor member can be placed into the pipe and by withdrawing the pipe and grouting around the anchor member at the same time, the installation of the anchor member can be completed.

IPC 1-7
E02D 5/76

IPC 8 full level
E02D 5/76 (2006.01); **E02D 5/80** (2006.01)

CPC (source: EP US)
E02D 5/76 (2013.01 - EP US); **E02D 5/80** (2013.01 - EP US); **E02D 5/808** (2013.01 - EP US)

Cited by
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