

Title (en)
PROCESS FOR RETAINING LATERAL WALLS OF DEEP EXCAVATIONS

Publication
EP 0305259 B1 19910102 (FR)

Application
EP 88402056 A 19880805

Priority
FR 8711308 A 19870807

Abstract (en)
[origin: JPH01131723A] PURPOSE: To dig a hole simply and economically by digging an inner side of a lateral wall of timbering down to a fixed depth, then constructing an annular slab having an opening part at the center thereof in a bottom part of a digged hole, supporting it by support wire, and then digging the hole through the opening part. CONSTITUTION: After a lateral wall 1 of timbering is constructed around a hole, its inner side is digged down to such depth that the lateral wall 1 can resist against soil pressure. Next, an annular slab 3 is constructed in a bottom part of the digged hole and is supported by connecting it with an upper part of the lateral wall 1 of timbering using a support wire 5 after the slab 3 is coagulated. A lower part from the slab 3 is digged through an opening part 4 provided at the center of the annular slab 3. Consequently, it is unnecessary to provide a deep support part for supporting a floor provided so as to withstand a horizontal force that soil applies on the lateral wall of timbering from the beginning of digging, and the construction can be done simply and economically.

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E02D 29/04

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