

Title (en)

DEVICE AND METHOD FOR DRILLING A SHAFT IN A SUBSTRATE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM BOHREN EINES SCHACHTES IN EIN SUBSTRAT

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR FORER UN PUITS DANS UN SUBSTRAT

Publication

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Application

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Abstract (en)

[origin: EP3260650A1] Described are a device and method for drilling a shaft in a substrate consisting of rock, clay and/or related materials. The device comprises a casing tube and means for arranging the casing tube in the substrate; and further a drilling means which can be lowered into the casing tube and is provided with a drill head with cutting tools, and means for setting the drilling means into rotation. The casing tube comprises a first and a second part which are telescopically displaceable relative to each other along a common axis, extending in a longitudinal direction of both parts, between an extended position, in which the parts are coupled with coupling means, and a retracted position. The invention also relates to a jack-up platform provided with the device. Using the invented device drilling can take place with higher efficiency than with the known device and method.

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