

Title (en)

DEVICE FOR ANCHORING IN MULTILAYER SOIL COMPRISING A CONNECTING RING

Title (de)

VORRICHTUNG ZUR VERANKERUNG IN MEHRSCHICHTIGEM BODEN MIT VERBINDUNGSRING

Title (fr)

DISPOSITIF D'ANCRAGE DANS UN SOL MULTICOUCHES COMPRENANT UNE BAGUE DE LIAISON

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Application

EP 15741173 A 20150721

Priority

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- EP 2015066678 W 20150721

Abstract (en)

[origin: WO2016012463A1] A device (1) for anchoring in multilayer soil comprising at least one upper layer (6) and one lower layer (8), said layers (6, 8) being of different hardnesses, said device comprising at least two concentric cylindrical elements: - a hollow rod (2) comprising at least one section for extending into the upper layer (6) and into a part of the lower layer (8), said hollow rod (2) comprising a first end part (12) provided with attachment means and a second end part (14), opposite the first end part (12), provided with a drill bit (16), - a cladding tube (4) comprising at least one section extending around a part of the hollow rod (2) and intended to extend into the upper layer (6), comprising a first end part (20) extending adjacent to the first end part (12) of the hollow rod (2) and a second end part (22), opposite the first end part (20), provided with a helical penetration disc (26), the cladding tube (4) comprising, between the first and second end parts (20, 22), at least one helical force disc (28), said device being characterized in that it further comprises a connecting ring (36) extending between the hollow rod (2) and the second end part (22) of the cladding tube (4), said ring (36) providing a sealed connection between said hollow rod (2) and said second end part (22) and being intended to extend to the interface (10) between the lower layer (8) and the upper layer (6) of the soil.

IPC 8 full level

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