

Title (en)
TENSILE STRENGTH CONNECTION DEVICE FOR TWO CONSTRUCTION ELEMENTS

Publication
EP 0079343 B1 19841205 (DE)

Application
EP 82901485 A 19820517

Priority
AT 229081 A 19810521

Abstract (en)
[origin: WO8204083A1] The tensile strength connection device for two construction elements is particularly intended to the anchoring of support on foundations with a tie rod, which is connected to an anchoring element intended to be concreted in a concrete element. The anchoring element is comprised of a hollow body (5) closed on its contour and on its lower portion and is provided in its upper portion with a supporting element (4', 4'') provided with an opening (13) and fixed to the hollow body (5). In the area between the bottom (6) and the supporting element (4', 4'') there is arranged an anchoring plate (2) provided with a threading (14), wherein the tie rod (1) may be threaded directly through the opening (13) of the supporting element (4', 4''). The opening (13) of the supporting element (4', 4'') is larger than the cross-section of the tie rod (1) by at least the desired tolerance and the anchoring plate (2) is smaller, in the plan perpendicular to the axis of the tie rod (1), to the internal dimensions of the hollow body (5) in the plan of the plate (2), by at least the desired tolerance. The larger dimension of the plate (2) in the plan perpendicular to the axis of the tie rod (1) is bigger than the smallest internal dimension of the hollow body (5) in said plane.

IPC 1-7
E02D 5/74; **E02D 27/44**

IPC 8 full level
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CPC (source: EP)
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Cited by
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