

Title (en)
EXPANSION ANCHOR

Title (de)
SPREIZDÜBEL

Title (fr)
CHEVILLE EXPANSIBLE

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Application
EP 13798565 A 20131107

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Abstract (en)
[origin: WO2014075776A1] The invention relates to an expansion anchor (101) having at least two primary expansion tongues (102), which extend in the longitudinal direction of the expansion anchor (101) and which engage at least partly around an expansion channel (107). The primary expansion tongues (102) can be moved radially outward and away from each other from a non-expanded state into an expanded state by means of an expansion element (108) that can be introduced into the expansion channel (107). The expansion anchor (101) additionally comprises at least one secondary expansion tongue (110), which is arranged between the primary expansion tongues (102). In order to devise an expansion anchor (101) by means of which a high retaining force can be transmitted even in soft, porous structural materials, according to the invention the secondary expansion tongue (110) is movable in the radial direction in such a way that, in an expanded state, the secondary expansion tongue (110) substantially completely fills an opening (109), present between the primary expansion tongues (102), in the circumferential surface (103) of the expansion anchor (101).

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Citation (search report)
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