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Abstract

Expansion Anchor

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The invention relates to an expansible fixing plug (1) having two limbs (5) extending in a longitudinal direction of the fixing plug and located opposite one another and also having expansion elements (6) which project out on both sides from the limbs (5) in opposite circumferential directions and which in a side view of the expansible fixing plug (1) are hook-shaped. The invention proposes constructing the limbs (5) having holding surfaces (7) in the shape of portions of truncated cones, which extend from the rear to the front at an acute angle to a longitudinal direction of the fixing plug. From the rear to the front the holding surfaces (7) become longer and extend at a more acute angle to the longitudinal direction of the fixing plug. The holding surfaces (7) substantially improve anchoring of the expansible fixing plug (1) in a soft or porous anchoring substrate such as, for example, aerated concrete.

(Figure 1)