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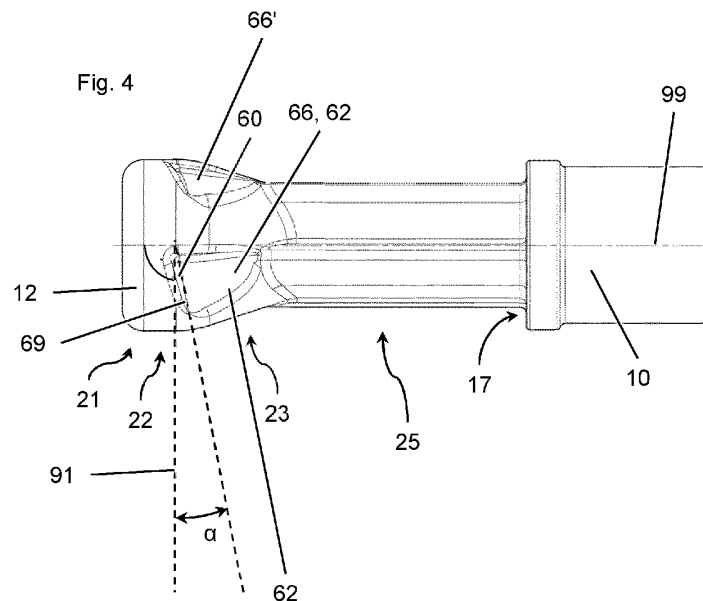
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(54) Title: EXPANSION ANCHOR WITH ANGLED ABUTMENT WALL TRANSITION EDGE



(57) Abstract: Expansion anchor comprising an anchor bolt having a longitudinal axis, an expansion sleeve surrounding the anchor bolt, and an expansion body located in a front region of the anchor bolt, which has a converging zone for expanding the expansion sleeve. The expansion body is provided with an abutment wall recess. The abutment wall recess is delimited by a sleeve abutment wall that, axially, faces the expansion sleeve so as to provide an abutment for the expansion sleeve when the expansion sleeve is moved axially towards the sleeve abutment wall. The abutment wall recess is further delimited by a recess floor. A transition edge is formed between the recess floor and the sleeve abutment wall. The transition edge extends at a lead angle α . At least in a section of the transition edge, the following holds for the lead angle α : $4^\circ \leq \alpha \leq 30^\circ$.

[Continued on next page]

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