Title (en)

IMPROVED SLIDING ANCHOR

Title (de)

VERBESSERTER GLEITANKER

Title (fr)

ANCRAGE COULISSANT AMÉLIORÉ

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Application

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Abstract (en)

[origin: WO2008055696A1] The invention relates to a sliding anchor (10) for inserting in a borehole. The sliding anchor (10) has an anchor rod (12) on which is arranged a sliding control element (14) with a through opening (18) through which the anchor rod (12) extends. The sliding control element (14) comprises a sliding body cage (16) which has at least one cutout (20) for accommodating a sliding body (22) which is in contact with the outer surface of the anchor rod (12). In order to set a predefined breakaway force in a precise and accurately reproducible manner, each cutout (20) is arranged tangentially to the outer surface of the anchor rod (12) for the purpose of accommodating a sliding body (22) in the sliding body cage (16). Furthermore, the outer enveloping surface of each cutout (20) protrudes by a predefined amount into the free cross section of the through opening (18), and each sliding body (22) completely fills the cross section of the cutout (20) associated therewith.

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