

Title (en)
Nail.

Title (de)
Nagel.

Title (fr)
Clou.

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Application
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Abstract (en)
The invention relates to a nail (1) for driving into anchoring holes drilled in advance in rock or stone. The nail is radially, elastically deformable and has a thickness, at least in one dimension, which exceeds the diameter of the anchoring hole. The nail (1) consists essentially of a web (2; 9) and two approximately semi-circular flanks (3), connected symmetrically thereto with respect to the centre line of the web, by which means a continuous S-profile is produced. <IMAGE>

Abstract (de)
Die Erfindung betrifft einen Nagel (1) zum Eintreiben in in Fels oder Gestein vorgebohrte Ankerlöcher. Der Nagel ist radial elastisch verformbar und hat zumindest in einer Dimension eine Dicke, die den Durchmesser des Ankerloches übertrifft. Der Nagel (1) besteht im wesentlichen aus einem Steg (2; 9) und zwei daran symmetrisch zur Mittellinie des Stegs anschliessenden etwa halbkreisförmigen Flanken (3), wodurch sich ein durchgehendes S-Profil ergibt.

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- [AD] AT 267978 B 19690127 - GREGOROVIC DRAGUTIN [BE]
- [AD] DE 2405883 A1 19740815 - SCOTT JAMES J
- [AD] DE 2741106 A1 19790322 - SCOTT JAMES J
- [A] EP 0016742 B1 19840613
- [A] WO 8402375 A1 19840621 - HOELTER HEINZ [DE]
- [A] DE 3111673 A1 19820519 - THOM RICHARD WINSTON [ZA]
- [A] DE 3107718 A1 19811224 - ELDERS G W [US]

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