

Title (en)

APPARATUS FOR FORMING ON A STEEL WIRE STRAND A BULGE PROJECTING OUTWARD

Publication

EP 0222141 B1 19890607 (DE)

Application

EP 86113719 A 19861003

Priority

DE 3538919 A 19851102

Abstract (en)

[origin: US4773247A] An apparatus for forming a radially outwardly directed bulge in an axially extending stranded steel wire cable for use as an anchor in a concrete structural component includes a frame with a pair of side walls. A clamping device is mounted on one end of the frame for gripping the stranded cable. The clamping device has two displaceable clamping jaws connected to counter jaws by articulated levers for moving the clamping jaws into the closed or clamped position. The clamping jaws are closed by a piston-cylinder unit mounted in the frame. Spaced from the clamping device on the frame is a sliding carriage with a thrust member into which one end of the stranded cable is inserted. The sliding carriage is connected to the piston-cylinder unit. After the clamping device is closed, the sliding carriage and thrust member are moved toward the clamping device by the piston-cylinder unit and the individual wires of the stranded cable are displaced axially and radially outwardly into a radially extending bulge against the inside surface of an upsetting pipe located between the clamping device and the thrust member.

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