

## Abstract

## Anchor system of a concrete wall formwork

The invention relates to a locking device 21 for an anchor bar 2 of an anchor system of a concrete wall formwork, having a formwork element 6 comprising a formwork facing 7, having an annular sealing element 15 for sealing off an anchor penetration hole 13 in the formwork facing 7, a threaded nut element 24 for threading the anchor bar 2 into a threaded nut thread of the threaded nut element 24, and a cap plate 27 that can be fastened by means of fastening means 30 to a rear face of the formwork element 6 of the concrete wall formwork and comprises a spherically designed plate region having an opening in which the threaded nut element 24 is disposed having radial clearance, wherein the threaded nut element 24 comprises a groove-like radially circumferential receptacle 40 in which the edges of the opening in the spherical plate region are received, and wherein a tubular guiding device 45 flush with the threaded nut thread of the threaded nut element 24 is provided on the end of the threaded nut element 24 to be located at the concrete formwork side. The sealing element 15 thereby comprises an elastic rubber inner sealing ring 46 and the free end 51 of the guiding device 45 to be located at the formwork element side is sealingly inserted with the inner sealing ring 46 into the sealing element 15.

Fig. 1