

Title (en)
Lifting shackle with a lifting clutch

Title (de)
Transportanker mit Kupplung

Title (fr)
Crochet de manutention avec accouplement

Publication
EP 1424304 B1 20070822 (EN)

Application
EP 03292969 A 20031128

Priority
AU 2002953045 A 20021129

Abstract (en)
[origin: EP1424304A1] A lifting clutch of a lifting shackle assembly for engagement with a lifting anchor embedded within a concrete component to be lifted has a clutch bolt (14) engageable through an eye in the head of the anchor. A locking system (22,24,34;24,24a,14a;50,52) is provided to prevent accidental release of the clutch bolt (14) from the eye of the anchor. In one form, the locking system (22,24,34) consists of a spring-loaded locking member (24) mounted to the clutch body to lock the clutch bolt against release until the locking arm (30) has been released. In another form, the locking system comprises a locking pin (50) mounted within an operating arm (17) of the clutch bolt (14) and engaged with the clutch body (10) so that the operating arm (17) cannot be displaced to release the bolt (14) until the locking pin (50) has been released.

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CPC (source: EP)
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