

Title (en)
DOUBLE HOISTING LIFTING DEVICE WITH LATCH LOCKING MECHANISM

Title (de)
HUBVORRICHTUNG MIT DOPPELTER EINSCHERUNG UND DREHVERRIEGELUNGSMECHANISMUS MIT SCHNAPPSCHLOSS

Title (fr)
DISPOSITIF DE LEVAGE À DOUBLE MOUFLAGE AVEC MÉCANISME DE VERROUILLAGE À LOQUET

Publication
EP 4049960 B1 20231220 (FR)

Application
EP 21196980 A 20210915

Priority
FR 2009385 A 20200916

Abstract (en)
[origin: US2022081267A1] A double-reeved lifting device includes a lower reeve block secured to a lifting hook and an upper reeve block, wherein the two reeve blocks include reversible connection means adapted to be reversibly configured between a connected configuration and a disconnected configuration. The reversible connection means include a locking mechanism and a complementary locking structure having a frame securely supporting a bolt. The locking mechanism includes a chassis having a locking channel provided with a mouthpiece through which the bolt is configured to enter and exit and slide in the locking channel respectively upon a relative approach or distancing between the two reeve blocks, and at least one latch pivotally mounted on the chassis so as to pivot inside the locking channel, the latch provided with a free end adapted to engage with the bolt.

IPC 8 full level
B66D 3/04 (2006.01)

CPC (source: EP US)
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US 11591191 B2 20230228; **US 2022081267 A1 20220317**; CN 114261875 A 20220401; EP 4049960 A1 20220831; EP 4049960 B1 20231220; FR 3114090 A1 20220318; FR 3114090 B1 20220819; PT 4049960 T 20240314

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