

Title (en)
One drum capstan.

Title (de)
Einkopf-Spillwinde.

Title (fr)
Cabestan à tambour unique.

Publication
EP 0195983 A1 19861001 (DE)

Application
EP 86103392 A 19860313

Priority
DE 3510282 A 19850321

Abstract (en)
[origin: US4666128A] A single head capstan winch comprises a capstan head which is movably arranged on a supporting frame for being guided relative to a pressing roller and is also rotatably arranged on this supporting frame and provided with a dynamically balanced surface of a shape that complements the enveloping surface of a multiplicity of windings of a cable or rope of the winch to thereby obtain a load-controlled clamping force necessary for the hauling-in of a load by means of the forward extending portion of the cable or rope the rearward extension of which runs off free of any load from the capstan head.

Abstract (de)
Eine Einkopf-Spillwinde weist einen an einem Stützrahmen (1) verschieblich geführten Spillkopf (15) auf, so daß für die Mehrfachumschlingung (28) eines Lastseils eine lastabhängige Klemmkraft im Zusammenwirken mit einer an dem Stützrahmen (1) drehbar gelagerten Seilandrückrolle (49,51) erhalten wird, die eine zu der Hüllfläche der Mehrfachumschlingung (28) komplementär ausgebildete, rotationssymmetrische Anlagefläche aufweist.

IPC 1-7
B66D 1/74

IPC 8 full level
B66D 1/74 (2006.01)

CPC (source: EP US)
B66D 1/7447 (2013.01 - EP US)

Citation (search report)
• [A] FR 2513236 A1 19830325 - ROTZLER GMBH CO [DE]
• [A] BE 375170 A
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