

Title (en)

Reel, flange of a reel and tension rod

Title (de)

Spule, Spulenflansch und Zuganker

Title (fr)

Bobbine, flasque de bobbine et tirant d'ancrage

Publication

**EP 1382557 B1 20060628 (DE)**

Application

**EP 03016010 A 20030715**

Priority

DE 10232897 A 20020719

Abstract (en)

[origin: EP1382557A1] The cable drum is fitted with a tensioning bar (5). This fits through holes (9, 10) in the drum flanges (2, 3) and has curved ends which fit into smaller holes (14, 15) and are held in place by pins (11, 12). Independent claims are included for: (a) the tensioning bar; and (b) the drum flanges.

IPC 8 full level

**B65H 75/22** (2006.01)

CPC (source: EP US)

**B65H 75/2227** (2021.05 - EP US); **B65H 2701/5132** (2013.01 - EP); **B65H 2701/5136** (2013.01 - EP)

Cited by

EP3511276A1; CN102674082A

Designated contracting state (EPC)

DE EE GB

DOCDB simple family (publication)

**EP 1382557 A1 20040121**; **EP 1382557 B1 20060628**; DE 10232897 A1 20040219; DE 10232897 B4 20050324; DE 50304027 D1 20060810

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