

Title (en)
REELS

Publication
EP 0093641 B1 19860730 (FR)

Application
EP 83400792 A 19830421

Priority
FR 8206913 A 19820422

Abstract (en)
[origin: EP0093641A1] 1. A reel of the type comprising a cylindrical drum (1) which is intended for receiving a cable wound round it and each end of which is integral with a cheek (2), each cheek (2) consisting of a series of identical profiled elements (3) which exhibit substantially trapezoidal webs and are assembled to form a circular ring the outer edge of which is inserted between the flanges of a circular channel section (18), characterized in that each profiled element (3) exhibits along one side a trough (14) and along the other side a flange (13), the said profiled elements (3) being assembled by engaging the flange (13) in the trough (14) of an adjacent element, the said flanges (13) being welded into the said troughs (14), each said profiled element (3) including along its wide base (6) a dished portion (15), the dished portions (15) being inserted between the flanges of the circular channel section (18), whilst at the narrow base of each profiled element (3) is provided a second dished portion (16), the end adjacent to the second dished portion (16) of the profiled elements (3) being welded onto the sideface of a flat circular ring (32) which supports the spindle (35) of the reel, the two flat circular rings (32) corresponding with the two cheeks (2) being connected by tierods (42) and supporting elements (36) of channel section which form the drum (1) and the edges of which end in outer troughs (39, 40) which interlock in one another and are welded together, whilst the free ends engage in the second dished portions (16) of the profiled elements (3) forming the cheeks.

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B65H 75/14

IPC 8 full level
B65H 75/14 (2006.01)

CPC (source: EP)
B65H 75/14 (2013.01); **B65H 2701/51344** (2013.01)

Cited by
DE3412931A1; FR2567501A1; FR2713215A1; EP0664269A1; WO9708091A1

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