

Title (en)
SUPPORT SHAFT FOR REELS WITH ECCENTRIC RIG

Publication
EP 0429876 A3 19910731 (DE)

Application
EP 90120860 A 19901031

Priority
IT 4173589 A 19891102

Abstract (en)
[origin: EP0429876A2] The spool holder shaft (A) has openings in each contg. a tube (C) which presses air-filled strips (B) outwards. The strips (B) act upon an inner ring belonging to the crowns and are firmly fixed to the shaft (A). One or more crowns have each an inner ring with its other surface eccentric. The ring, while turning, presses the tie-pieces of the crowns into one or another direction over the top edge.

IPC 1-7
B65H 18/10

IPC 8 full level
B65H 75/08 (2006.01); **B65H 75/24** (2006.01)

CPC (source: EP US)
B65H 75/2437 (2021.05 - EP US); **B65H 75/246** (2013.01 - EP US)

Citation (search report)
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• [X] US 4767077 A 19880830 - KATAOKA HIROSHI [JP]
• [A] US 4461430 A 19840724 - LEVER LOUIS [US]
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DE19709078A1; US5971314A; DE19709078C2; WO9902442A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0429876 A2 19910605; EP 0429876 A3 19910731; EP 0429876 B1 19960327; AT E135999 T1 19960415; DE 59010240 D1 19960502;
IT 1236470 B 19930309; IT 8941735 A0 19891102; IT 8941735 A1 19910502

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