

Title (en)

Device to move a spool on which a bobbin of yarn is wound

Title (de)

Vorrichtung zum Versetzen einer Garnspule

Title (fr)

Dispositif pour déplacer une bobine de fil textile

Publication

EP 1232985 A1 20020821 (EN)

Application

EP 01830038 A 20010124

Priority

EP 01830038 A 20010124

Abstract (en)

Device to move a spool (11) on which a bobbin (12) of yarn is wound, wherein the spool (11) is provided with a through longitudinal cavity (26). The device comprises a vertical support element (13), able to be inserted into the longitudinal cavity (26) of the spool (11), and a manual gripping means (35) able to couple temporarily with one end of the longitudinal cavity (26) to automatically take a stop element (18), located at the end of the vertical support element (13), to a supporting position. <IMAGE>

IPC 1-7

B65H 67/06; **B66C 1/54**; **D01H 9/00**; **D01H 9/12**

IPC 8 full level

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Citation (search report)

- [A] DE 4102468 A1 19920730 - SAHM GEORG FA [DE]
- [A] US 4557515 A 19851210 - READ OWEN R [US]
- [A] US 2789859 A 19570423 - WOELLNER HORST L
- [A] DE 1087058 B 19600811 - WELLER MASCHF HEINZ
- [A] EP 0878569 A2 19981118 - SCAGLIA SPA [IT]
- [A] US 5472149 A 19951205 - BOSCH LUIS B [BR]
- [A] DE 3201138 A1 19830728 - DIOSGYOERI GEPGYAR [HU]
- [A] US 4157793 A 19790612 - LUCIA JACK S [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 013, no. 267 (M - 840) 20 June 1989 (1989-06-20)

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