

Title (en)  
Apparatus for handling spools

Title (de)  
Vorrichtung zum Handhaben von Bobinen

Title (fr)  
Dispositif de manipulation de bobines

Publication  
**EP 1157952 A3 20030115 (DE)**

Application  
**EP 01111621 A 20010512**

Priority  
DE 10025848 A 20000525

Abstract (en)  
[origin: EP1157952A2] The device transfers reels from a stack to a processing machine, using a reel carrier. The carrier (1) has grab jaws (13,26), adjustable at right angles to the core axis of a reel, and suction grabs (23), which engage on intermediate reel layers. The grab jaws are formed as clamping bars (14), pressed radially against the inner surface of a core sleeve of a reel.

IPC 1-7  
**B65H 19/12**; **B65H 3/08**; **B65H 5/08**; **B65H 67/06**; **B65G 59/04**; **B65G 47/91**; **B66C 1/54**; **B66C 1/02**; **B65G 61/00**

IPC 8 full level  
**B65B 19/26** (2006.01); **A24C 5/20** (2006.01); **B65G 47/91** (2006.01); **B65G 59/04** (2006.01); **B65G 61/00** (2006.01); **B65H 3/08** (2006.01); **B65H 5/08** (2006.01); **B65H 19/12** (2006.01); **B65H 67/06** (2006.01); **B66C 1/02** (2006.01); **B66C 1/54** (2006.01)

CPC (source: EP US)  
**B65H 3/0816** (2013.01 - EP US); **B65H 19/123** (2013.01 - EP US); **B65H 67/065** (2013.01 - EP US); **B66C 1/0212** (2013.01 - EP US); **B66C 1/0275** (2013.01 - EP US); **B66C 1/0293** (2013.01 - EP US); **B66C 1/54** (2013.01 - EP US); **B65H 2301/12** (2013.01 - EP US); **B65H 2301/41322** (2013.01 - EP US); **B65H 2301/41324** (2013.01 - EP US); **B65H 2555/30** (2013.01 - EP US); **Y10S 414/124** (2013.01 - EP US)

Citation (search report)  
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• [A] DE 3816164 A1 19891123 - GEBALD GREGOR [DE], et al  
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