

Title (en)  
Device for guarding the yarn motion.

Title (de)  
Vorrichtung zur Fadenbewegungsüberwachung.

Title (fr)  
Dispositif pour surveiller le mouvement du fil.

Publication  
**EP 0418780 A1 19910327 (EN)**

Application  
**EP 90117857 A 19900917**

Priority  
CS 534889 A 19890919

Abstract (en)  
The invention relates to a device for guarding the yarn motion in a textile machine during unwinding the yarn (P) from the bobbin (1). A sensor (7) of the device is assigned to a yarn guiding eye (3) for detecting the rotary motion of the yarn which unwinds from the bobbin in a balloon. Light emitting diode (71) and a phototransistor (72) can be used as a sensor.

IPC 1-7  
**B65H 63/032**; **D01H 13/16**

IPC 8 full level  
**B65H 57/06** (2006.01); **B65H 57/22** (2006.01); **B65H 63/032** (2006.01); **D01H 13/16** (2006.01); **D04B 35/10** (2006.01)

CPC (source: EP)  
**B65H 63/0324** (2013.01); **B65H 63/0327** (2013.01); **B65H 2513/11** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [X] US 3840869 A 19741008 - PUGH C
- [X] FR 2267399 A1 19751107 - PALITEX PROJECT CO GMBH [DE]
- [X] GB 1283528 A 19720726 - CRABTREE ENGINEERING GROUP COL
- [X] FR 2316172 A1 19770128 - RIETER AG MASCHF [CH]
- [X] WO 8704418 A1 19870730 - IRO AB [SE]
- [A] GB 2103357 A 19830216 - TEXTIMA VEB K [DE]
- [X] US 4160360 A 19790710 - CARVALHO ROBERT L, et al
- [A] US 4275297 A 19810623 - CANFIELD SHELDON A, et al
- [A] WO 8000576 A1 19800403 - OWENS CORNING FIBERGLASS CORP [US]

Cited by  
GB2358644A; FR2804445A1; GB2358644B; US6543093B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0418780 A1 19910327**; CS 276353 B6 19920513; CS 8905348 A2 19910411; JP H03174033 A 19910729

DOCDB simple family (application)  
**EP 90117857 A 19900917**; CS 534889 A 19890919; JP 24637890 A 19900918