

Title (en)
WEFT YARN STORAGE DEVICE FOR A LOOM

Publication
EP 0286590 B1 19910508 (DE)

Application
EP 88810186 A 19880322

Priority
CH 134787 A 19870408

Abstract (en)
[origin: US4852617A] The weft yarn leaving a drum of a weft yarn store of a loom is monitored by a monitor device disposed between the drum and a yarn eye in the zone of the yarn balloon. The monitor device includes a ring with an internal surface across which the yarn balloon slides during take-off. At least one light transmitter is mounted in the ring to emit a light beam across the path of the yarn and at least one transmitter is also mounted in the ring to receive the light beam for sensing when the yarn passes through the beam.

IPC 1-7
B65H 51/22; D03D 47/36

IPC 8 full level
D03D 47/36 (2006.01)

CPC (source: EP US)
D03D 47/362 (2013.01 - EP US); **D03D 47/363** (2013.01 - EP US); **D03D 47/367** (2013.01 - EP US); **B65H 2513/11** (2013.01 - EP US)

Cited by
NL1014729C2; EP0401699A3; WO0171077A1; WO2005028351A1; WO9203604A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0286590 A1 19881012; EP 0286590 B1 19910508; DE 3862671 D1 19910613; JP S63270838 A 19881108; US 4852617 A 19890801

DOCDB simple family (application)
EP 88810186 A 19880322; DE 3862671 T 19880322; JP 8424588 A 19880407; US 17694488 A 19880404