

Title (en)

Prewinder for looms and method for threading such prewinder.

Title (de)

Vorabwickelvorrichtung für Webmaschinen und Verfahren zum Einfädeln einer solchen Vorrichtung.

Title (fr)

Dispositif prédélivreur pour machines à tisser et méthode pour enfiler un tel ensemble prédélivreur.

Publication

EP 0450686 B1 19940928 (FR)

Application

EP 91200596 A 19910319

Priority

BE 9000375 A 19900404

Abstract (en)

[origin: EP0450686A1] A yarn pre-delivery unit, for use on a loom, consists of a pre-delivery drum (2), a winding tube (1) and a drive mechanism (9) designed to rotate the tube and drum relative to one another. A yarn guide (3) extends along the length of the drum and has at least one portion (4) which is tubular in shape and has a lengthwise slot (5). The unit has additional yarn guides (29) which prevent a weft thread (7) which has been passed along the yarn guide (3) from leaving the tube (4) via the slot (5) while a tension is exerted on the thread from the unit's outlet (16). The additional guides (29) are formed by a lip in the wall of the tube (4) and the interior of the tube itself or, in variants, the inner edge of the slot, or a cutaway portion of the tube.

IPC 1-7

D03D 47/34; **B65H 51/16**

IPC 8 full level

B65H 51/16 (2006.01); **B65H 51/22** (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

B65H 51/16 (2013.01); **B65H 57/003** (2013.01); **D03D 47/361** (2013.01); **B65H 2701/31** (2013.01)

Cited by

US5706868A; EP1266857A1; EP0567045A1; US5351724A; WO9306277A1; WO9429207A1

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0450686 A1 19911009; **EP 0450686 B1 19940928**; BE 1003986 A3 19920728; DE 69104254 D1 19941103; DE 69104254 T2 19950216

DOCDB simple family (application)

EP 91200596 A 19910319; BE 9000375 A 19900404; DE 69104254 T 19910319