

Title (en)

WORKING METHOD OF A WEFT STORING DEVICE FOR A WEAVING LOOM

Publication

EP 0253760 B1 19911127 (DE)

Application

EP 87810307 A 19870522

Priority

CH 282586 A 19860715

Abstract (en)

[origin: US4811762A] A weft yarn store for a loom comprises a drum adapted to receive a weft yarn supply, a winder for winding weft yarn on the drum and means for retaining the weft yarn at the runoff end of the drum upon the completion of picking. A retaining element of the retaining means is adjustable by means of a controllable drive in the peripheral direction of the drum. When this element moves together with the running-off yarn during the braking thereof, the yarn can be retained smoothly. The weft yarn can therefore be metered accurately and smoothly.

IPC 1-7

B65H 51/22; **D03D 47/36**

IPC 8 full level

B65H 51/22 (2006.01); **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)

Citation (examination)

- EP 0111308 A2 19840620 - NISSAN MOTOR [JP]
- JP H0628552 A 19940204 - OMRON TATEISI ELECTRONICS CO

Cited by

US5509450A; EP0581745A1; EP0699790A1; US5590693A; EP0327973A1; US4936356A; WO9325742A1

Designated contracting state (EPC)

BE DE FR GB IT SE

DOCDB simple family (publication)

EP 0253760 A2 19880120; **EP 0253760 A3 19890125**; **EP 0253760 B1 19911127**; DE 3774785 D1 19920109; JP S6328946 A 19880206; US 4811762 A 19890314

DOCDB simple family (application)

EP 87810307 A 19870522; DE 3774785 T 19870522; JP 17406187 A 19870714; US 7346687 A 19870715