

Title (en)
STORAGE DEVICE

Title (de)
SPEICHERVORRICHTUNG

Title (fr)
DISPOSITIF ACCUMULATEUR

Publication
EP 1038061 A1 20000927 (DE)

Application
EP 98966299 A 19981211

Priority
• DE 19755160 A 19971211
• EP 9808093 W 19981211

Abstract (en)
[origin: DE19755160A1] A storage device (E) for the weft yarn (W1,W2) of a power loom (L), wherein several yarn deflector elements (A-D, 61-65) are arranged along the path of the yarn leading from the yarn reserve to a feeder device (M) and at least one of said elements can move in relation to at least one other element in perpendicular manner with respect to the longitudinal direction of the yarn between a feed position (wherein the yarn runs in a substantially drawn position) and a storage position (1) in which the yarn runs in the form of a zigzag . One regulating device with at least one drive mechanism (71-7B) is provided and connected to each moveable yarn deflector element. A yarn tension damper is integrated into the storage device (E), having at least one first yarn deflector element (A) which can move in the direction in which the yarn is fed as an elastically readjusting damping element (N) moving towards the end of the feed when the yarn is tensioned.

IPC 1-7
D03D 47/34; **B65H 59/36**

IPC 8 full level
B65H 59/36 (2006.01); **D03D 47/34** (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)
B65H 59/36 (2013.01); **D03D 47/34** (2013.01); **D03D 47/361** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
See references of WO 9929945A1

Cited by
CN103738793A; CN107541830A; CN108290699A; CN103738792A

Designated contracting state (EPC)
BE CH DE IT LI NL

DOCDB simple family (publication)
DE 19755160 A1 19990617; DE 59807587 D1 20030424; EP 1038061 A1 20000927; EP 1038061 B1 20030319; WO 9929945 A1 19990617

DOCDB simple family (application)
DE 19755160 A 19971211; DE 59807587 T 19981211; EP 9808093 W 19981211; EP 98966299 A 19981211