

Title (en)

Device for detecting difference in warp tension of a loom

Title (de)

Vorrichtung zum Ermitteln von Differenz der Kettspannung in einer Webmaschine

Title (fr)

Dispositif de détection de différence de tension de la chaîne d'un métier à tisser

Publication

EP 1462552 A3 20050302 (EN)

Application

EP 04006691 A 20040319

Priority

JP 2003082714 A 20030325

Abstract (en)

[origin: EP1462552A2] A device (10) for detecting difference in warp tension of a plurality of warp sheets (16, 18) let off side by side from different warp beams (12, 14) in the weft inserting direction detects a tension receiver (52) having a plurality of contact faces (48, 50) which are individually in contact with the boundary side end portions of adjoining warp sheets (16, 18) at intervals in the weft inserting direction, and detects an angular rotational displacement or angular rotational force of the tension receiver around the axis extending in the warp moving direction. <IMAGE>

IPC 1-7

D03D 49/04

IPC 8 full level

D03D 33/00 (2006.01); **D03D 49/18** (2006.01)

CPC (source: EP)

D03D 49/18 (2013.01)

Citation (search report)

- [AD] US 5305802 A 19940426 - FEHRENBACH LUTZ [DE]
- [A] US 4546801 A 19851015 - BUCHER ROBERT [CH], et al
- [A] US 4572244 A 19860225 - KOJIMA SHUICHI [JP], et al
- [A] EP 0624675 A1 19941117 - TSUDAKOMA IND CO LTD [JP]
- [AD] PATENT ABSTRACTS OF JAPAN vol. 0182, no. 42 (C - 1197) 10 May 1994 (1994-05-10)

Cited by

CN116929935A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1462552 A2 20040929; **EP 1462552 A3 20050302**; CN 100582340 C 20100120; CN 1550595 A 20041201; JP 2004292957 A 20041021; JP 4094979 B2 20080604

DOCDB simple family (application)

EP 04006691 A 20040319; CN 200410029752 A 20040324; JP 2003082714 A 20030325