

Title (en)

Shaft coupling element and device for the simultaneous opening and closing a plurality of shaft coupling elements in a loom

Title (de)

Webschaftkupplung und Vorrichtung zum simultanen Öffnen und Schliessen einer Vielzahl von Webschaftkupplungen in einer Webmaschine

Title (fr)

Élément de couplage de cadre ainsi que dispositif pour l'ouverture et la fermeture simultanée d'un grand nombre des éléments dans un métier à tisser

Publication

EP 0659916 B1 19980128 (DE)

Application

EP 94118631 A 19941126

Priority

DE 4343882 A 19931222

Abstract (en)

[origin: DE4343882C1] A heald-frame coupling, the coupling elements 5, 14, 18 of which have a simple geometrical design, has been provided. The coupling elements make a secure positive connection between the coupling part located on the heald-frame side and the coupling part located on the drive side. Integrated in the coupling part 11 located on the drive side is a spring-loaded joint mechanism 20 which, in conjunction with an actuating device 31, serves for the simultaneous opening and closing of the coupling and which guarantees a reliable interlocking of the coupling parts 5, 11. <IMAGE>

IPC 1-7

D03C 9/00; **D03C 1/14**

IPC 8 full level

D03C 13/00 (2006.01); **D03C 1/14** (2006.01); **D03C 9/00** (2006.01); **D03C 9/06** (2006.01)

CPC (source: EP US)

D03C 9/00 (2013.01 - EP US); **D03C 9/0683** (2013.01 - EP US); **Y10T 292/1043** (2015.04 - EP US); **Y10T 292/702** (2015.04 - EP US); **Y10T 403/599** (2015.01 - EP US)

Designated contracting state (EPC)

BE CH DE FR GB IT LI

DOCDB simple family (publication)

DE 4343882 C1 19950119; DE 59405175 D1 19980305; EP 0659916 A1 19950628; EP 0659916 B1 19980128; JP 2731121 B2 19980325; JP H07207545 A 19950808; US 5518040 A 19960521

DOCDB simple family (application)

DE 4343882 A 19931222; DE 59405175 T 19941126; EP 94118631 A 19941126; JP 31877494 A 19941221; US 35611894 A 19941215