Title (en)
SPRING DAMPENED SHEDDING DEVICE

Title (de)
FACHBILDEEINRICHTUNG MIT FEDERDÄMPFUNG

Title (fr)
DISPOSITIF DE FORMATION DE LA FOULE A RESSORT AMORTI

Publication
EP 1387899 A1 20040211 (DE)

Application
EP 02727236 A 20020315

Priority
• DE 0200958 W 20020315
• DE 10124022 A 20010517

Abstract (en)
[origin: WO02092892A1] A shedding device in a jacquard weaving machine, comprising a retracting (14) spring in order to form a lower compartment, for example, said retracting spring being firmly anchored on one end thereof in the weaving machine or on the floor. In order to suppress resonance formation in said spring (14), a core element (22) is provided, said core element being disposed in an adjacent position with respect to the inside of the spring (14) at distanced points thereof and imposing a travel on said spring (14) which deviates from the straight progression thereof, thereby creating friction forces between the spring (14) and the core element which are used to dampen the movement (14) of the spring.

IPC 1-7
D03C 3/44; D03C 3/42

IPC 8 full level
D03C 3/32 (2006.01); **D03C 3/40** (2006.01); **D03C 3/42** (2006.01); **D03C 3/44** (2006.01)

CPC (source: EP US)
D03C 3/42 (2013.01 - EP US); **D03C 3/44** (2013.01 - EP US)

Citation (search report)
See references of WO 02092892A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02092892 A1 20021121; AT E391199 T1 20080415; CN 100340704 C 20071003; CN 1509354 A 20040630; DE 10124022 A1 20021212; DE 10124022 C2 20030410; DE 50212019 D1 20080515; EP 1387899 A1 20040211; EP 1387899 B1 20080402; JP 2004526883 A 20040902; JP 4240366 B2 20090318; TN SN03114 A1 20050408; US 2004168735 A1 20040902; US 7036532 B2 20060502

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