

Title (en)
Thread protecting heddle

Title (de)
Fadenschonende Weblitze

Title (fr)
Lisse préservant le fil

Publication
EP 1739215 A1 20070103 (DE)

Application
EP 06011608 A 20060606

Priority
DE 102005030632 A 20050701

Abstract (en)
The woven braid has a braid body (8) whose thickness increases towards a thread eye (6). The sides of the braid body have surfaces (23) oriented in the thread chaining direction (K) with respect to the thread eye. Space retainers (35,36) are provided to hold the thread eyes surrounding woven braid in predetermined intervals. Independent claims are included for the following: (1) Weave shaft; and (2) Weaving machine.

IPC 8 full level
D03C 9/02 (2006.01); **D03C 9/00** (2006.01)

CPC (source: EP KR US)
D03C 9/02 (2013.01 - EP US); **D03C 9/024** (2013.01 - EP KR US)

Citation (search report)
• [X] US 5348055 A 19940920 - KRAMER CHARLES F [US]
• [XD] DE 4336362 C1 19941013 - GROB & CO AG [CH]
• [X] JP H11107092 A 19990420 - TAKAYAMA LEAD KK
• [X] US 1932350 A 19331024 - RICHARD MARX

Cited by
EP2584078A1; EP2505700A1; EP2505704A1; EP2019157A1; KR20130044157A; CN103184610A; CN103352288A; WO2010105314A2; US7717140B2; TWI583837B

Designated contracting state (EPC)
BE CZ DE FR IT TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1739215 A1 20070103; EP 1739215 B1 20081008; BR PI0602453 A 20070221; CN 1891875 A 20070110; CN 1891875 B 20110608; DE 102005030632 A1 20070111; DE 102005030632 B4 20090730; DE 502006001717 D1 20081120; JP 2007009400 A 20070118; KR 100773712 B1 20071109; KR 20070003670 A 20070105; US 2007000552 A1 20070104; US 7493921 B2 20090224

DOCDB simple family (application)
EP 06011608 A 20060606; BR PI0602453 A 20060629; CN 200610101619 A 20060630; DE 102005030632 A 20050701; DE 502006001717 T 20060606; JP 2006177869 A 20060628; KR 20060060568 A 20060630; US 47740106 A 20060630