

Title (en)
Warp tension device with a gradual-action suspension for weaving looms

Title (de)
Spannvorrichtung mit progressiver Federung für die Webkette in Webmaschinen

Title (fr)
Dispositif de tension de la foule avec suspension progressive pour métiers à tisser

Publication
EP 1031652 A3 20000906 (EN)

Application
EP 99125153 A 19991216

Priority
IT MI982709 A 19981217

Abstract (en)
[origin: EP1031652A2] A warp tension device is disclosed, of the type comprising a compensating cylinder (1) supported on at least two stations arranged along the width of the loom and on at least two support elements (2,3) for each station, movable by the action of a force expressed by the tension of the warp yarns passing over it and an opposing action of a resilient element (7), wherein the displacements of the two support elements (2,3) of each station are in a respective relationship established by a predefined kinematic mechanism, said resilient element (7) reacting to the displacement of at least one of said support elements (2,3). <IMAGE>

IPC 1-7
D03D 49/14

IPC 8 full level
D03D 49/14 (2006.01)

CPC (source: EP)
D03D 49/14 (2013.01)

Citation (search report)
• [AD] WO 9730201 A1 19970821 - PICANOL NV [BE], et al
• [AD] EP 0694638 A1 19960131 - DORNIER GMBH LINDAUER [DE]
• [AD] EP 0396501 A1 19901107 - SULZER AG [CH]
• [A] DE 4427126 A1 19960201 - DORNIER GMBH LINDAUER [DE]
• [A] DE 19538121 C1 19970227 - DORNIER GMBH LINDAUER [DE]

Cited by
EP1445363A3

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

DOCDB simple family (publication)
EP 1031652 A2 20000830; EP 1031652 A3 20000906; IT 1304112 B1 20010307; IT MI982709 A1 20000617

DOCDB simple family (application)
EP 99125153 A 19991216; IT MI982709 A 19981217