

Title (en)

SHEDDING APPARATUS FOR THE CIRCULAR WEAVING OF MULTI-HARNESS FABRICS AND USE OF THE SHEDDING APPARATUS THEREFOR

Publication

EP 0059483 B1 19850821 (DE)

Application

EP 82101669 A 19820304

Priority

DE 3108189 A 19810304

Abstract (en)

[origin: US4463782A] A shedding apparatus for the circular weaving of multi-harness fabrics includes a plurality of heddle frames for weaving a multi-ply screen of the type suitable for use with a paper making machine. Each heddle frame has a warp wire from each fabric half drawn therethrough and a divider wire is located between the heddle frames and the reed. The divider wire extends across the entire width of the fabric with all of the warp wires of the upper fabric half extending above the wire divider and all of the warp wires of the lower fabric half extending beneath the wire divider so that upon weaving of one fabric half the divider wire is raised or lowered so that the warp wires of the other fabric half are urged away from the shed by the wire divider. A compensator rod may be provided between the heddle frames and the warp beam to compensate for the tension placed on warp wires due to different path lengths for the warp wires as caused by the wire divider.

IPC 1-7

D03C 13/00; **D03D 49/14**

IPC 8 full level

D03C 13/00 (2006.01); **D03D 49/14** (2006.01)

CPC (source: EP US)

D03C 13/00 (2013.01 - EP US); **D03D 49/14** (2013.01 - EP US)

Cited by

EP0112043A3; DE202018105722U1; DE202018105723U1; WO2020070230A1

Designated contracting state (EPC)

AT CH FR GB IT LI SE

DOCDB simple family (publication)

EP 0059483 A1 19820908; **EP 0059483 B1 19850821**; AT E15084 T1 19850915; DE 3108189 A1 19821111; DE 3108189 C2 19830203; US 4463782 A 19840807

DOCDB simple family (application)

EP 82101669 A 19820304; AT 82101669 T 19820304; DE 3108189 A 19810304; US 35242182 A 19820225