

Title (en)

Heald which comprises sections with multiple film layers

Title (de)

Weblitze mit einem abschnittsweise aus mehreren Folienlagen gebildeten Litzenkörper

Title (fr)

Lisse dotée d'un corps de lisse formé par sections de plusieurs couches de feuilles

Publication

EP 2505702 B1 20161214 (DE)

Application

EP 11160055 A 20110328

Priority

EP 11160055 A 20110328

Abstract (en)

[origin: EP2505702A1] The heddle (10) has a heddle body (11) extending in a longitudinal direction (L) and a thread eye (12) is provided for receiving a wrap thread. The heddle body has two foil layers (16) in a reinforcing portion (15), where the foil layers are laid flat against each other and are interconnected. Three foil layers are provided in the reinforcing portion, where multiple reinforcing portions are provided in the heddle body. The reinforcing portion of the heddle body with two foil layers (16a,16b), is connected to a connecting portion (21) of the heddle body. An independent claim is provided for a method for manufacturing a heddle with heddle body.

IPC 8 full level

D03C 9/02 (2006.01); **B21F 45/08** (2006.01)

CPC (source: EP KR)

B21F 45/08 (2013.01 - EP); **D03C 9/02** (2013.01 - EP KR); **D03C 9/026** (2013.01 - EP)

Citation (opposition)

Opponent : Gebr. Klöcker GmbH

- US 5005608 A 19910409 - ANDERSON LARRY D [US]
- DE 2519778 A1 19751218 - GROB & CO AG
- DE 4336362 C1 19941013 - GROB & CO AG [CH]
- EP 2224046 A1 20100901 - GROZ BECKERT KG [DE]
- DE 102005030632 A1 20070111 - GROZ BECKERT KG [DE]
- US 5348055 A 19940920 - KRAMER CHARLES F [US]
- CH 601532 A5 19780714 - GROB & CO AG
- EP 1795636 A1 20070613 - GROZ BECKERT KG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2505702 A1 20121003; EP 2505702 B1 20161214; EP 2505702 B2 20230517; CN 102704136 A 20121003; CN 102704136 B 20150930; EP 3067448 A1 20160914; EP 3067448 B1 20190807; JP 2012207355 A 20121025; JP 2017036536 A 20170216; JP 6014294 B2 20161025; JP 6316894 B2 20180425; KR 101988892 B1 20190614; KR 20120110016 A 20121009

DOCDB simple family (application)

EP 11160055 A 20110328; CN 201210083590 A 20120327; EP 16165424 A 20110328; JP 2012045087 A 20120301; JP 2016186350 A 20160924; KR 20120029184 A 20120322