

Title (en)
SHEDDING APPARATUS FOR A WEAVING MACHINE, IN PARTICULAR FOR A RIBBON WEAVING MACHINE

Title (de)
FACHBILDEVORRICHTUNG FÜR EINE WEBMASCHINE, INSBESONDERE FÜR EINE BANDWEBMASCHINE

Title (fr)
DISPOSITIF DE FORMATION DE LA FOULE POUR UN MÉTIER À TISSER MÉCANIQUE, EN PARTICULIER UN MÉTIER À TISSER LES RUBANS

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Application
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Abstract (en)
[origin: WO2008037106A1] In order to make a small space requirement, a low energy requirement and therefore an increased weaving frequency possible in a shedding apparatus, a spring drive (14, 16) is proposed which is connected to magnetically acting holding means (24, 26, 30, 32; 36, 38, 130, 132). The holding means (24, 26, 30, 32; 36, 38, 130, 132) are capable of holding the heddle frame (4) in an upper shed position and in a lower shed position counter to the spring force. Furthermore, the heddle frame (4) is connected to a linear motor (12). A heddle movement can be initiated by said linear motor (12). According to the invention, the spring drive (14, 16) is configured as a tension/compression spring which is designed in such a way that, during operation of the heddle frame at the resonant frequency of the spring drive (14, 16), the greater part of the kinetic energy can be obtained from the spring drive (14, 16).

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Citation (search report)
See references of WO 2008037106A1

Cited by
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