Title (en)
DEVICE FOR GUIDING THREAD DURING UNWINDING FROM SPOOLS OR BOBBINS

Title (de)
VORRICHTUNG ZUM FüHREN VON FäDEN WäHREND DES ABWICKELNS VON HASPELN ODER SPULEN

Title (fr)
DISPOSITIF DE GUIDAGE DE FIL PENDANT LE DEVIDAGE DE CANETTES OU BOBINES

Publication
EP 0843642 A1 19980527 (EN)

Application
EP 97922022 A 19970502

Priority
- IT 9700100 W 19970502
- IT MO960061 A 19960517

Abstract (en)
[origin: WO9744271A1] The device aims to reduce the bulk and the complexity of creels, i.e., of the supports of the spools (12) which are specifically installed proximate to weaving machines, caused by the path of the thread unwinding longitudinally from the spool (12) and subjected to tension variations and to lateral flapping; to shorten the path of the thread (14); to facilitate changing the spool (12); and to allow a wider range of coupling possibilities between te pivot and the core (13) of the spool; the device consisting in replacing the supporting pin of the spool (12) with a sleeve (2) wherein the thread (14) is passed in the opposite direction with respect to the direction wherein it unwinds longitudinally from the spool (12) and is tensioned by means of tensioner means (16) and locked by locking means (17) as soon as it leaves the sleeve (2), which is supported directly on the framework (1) of the weaving machine; a ring (4) allowing to adjust the diameter for the coupling of the elastic laminae (8) to the core (13) of the spool.

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B65H 49/06; D02H 13/24

IPC 8 full level
B65H 49/06 (2006.01); **D02H 13/24** (2006.01)

CPC (source: EP)
B65H 49/06 (2013.01); **D02H 13/24** (2013.01); B65H 2701/31 (2013.01)

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Cited by
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