

Title (en)  
IMPROVED KINK PREVENTION DEVICE FOR A WINDING MACHINE AND A RELATED METHOD FOR REMOVING KINKS IN THE YARN IN A WINDER

Title (de)  
VERBESSERTE VORRICHTUNG ZUR VERMEIDUNG VON SCHLINGEN FÜR EINE SPULMASCHINE UND EIN VERWANDTES VERFAHREN ZUM ENTFERNEN VON SCHLINGEN IN DEM GARN IN EINER SPULMASCHINE

Title (fr)  
DISPOSITIF DE PRÉVENTION DE BOUCLES AMÉLIORÉ POUR UN BOBINOIR ET PROCÉDÉ ASSOCIÉ POUR ÉLIMINER DES BOUCLES DANS LE FIL D'UN BOBINOIR

Publication  
**EP 3984933 A1 20220420 (EN)**

Application  
**EP 21199510 A 20210928**

Priority  
IT 202000024283 A 20201015

Abstract (en)  
A kink prevention device (4) for a winder comprising a presser element (24), movable along a transverse direction of actuation (T-T) from a rearward position to a forward position according to an actuation stroke, the presser element (24) being provided with a rod (28), operatively connected to actuation means (32) and a head (36), associated with the rod (28) and shaped so as to exert a pressure and friction action on a yarn (12), a striker (40), separate from and opposed to the presser element (24) along said transverse direction of actuation (T-T), on the opposite side of a receiving volume (44) of the associated yarn (12), so that the yarn (12) is located between the head (36) and the striker (40). The striker (40) is equipped with an end wall (48) that defines an end stop of the forward position of the presser element (24).

IPC 8 full level  
**B65H 49/02** (2006.01); **B65H 57/22** (2006.01); **B65H 59/06** (2006.01); **B65H 67/08** (2006.01)

CPC (source: CN EP)  
**B65H 49/02** (2013.01 - EP); **B65H 54/553** (2013.01 - CN); **B65H 54/70** (2013.01 - CN); **B65H 54/702** (2013.01 - CN); **B65H 54/86** (2013.01 - CN); **B65H 57/22** (2013.01 - EP); **B65H 59/06** (2013.01 - EP); **B65H 59/10** (2013.01 - CN); **B65H 67/083** (2013.01 - EP); **B65H 69/00** (2013.01 - CN); **D01H 13/08** (2013.01 - CN); **B65H 27/01/31** (2013.01 - CN EP)

Citation (applicant)

- EP 0275596 B1 19911016
- EP 0909736 B1 20020502 - SAVIO MACCHINE TESSILI SPA [IT]

Citation (search report)

- [X] DE 3843553 A1 19900705 - SCHLAFHORST & CO W [DE]
- [X] DE 4243773 A1 19940630 - SCHLAFHORST & CO W [DE]
- [A] US 2222921 A 19401126 - DEN BERGH BAREND VAN
- [A] US 1393926 A 19211018 - LOUIS VEILLEUX, et al

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 21199510 A 20210928**; CN 202111205979 A 20211014; CN 202122481553 U 20211014; IT 202000024283 A 20201015