

Title (en)
Traversing thread guide.

Title (de)
Changierfadenführer.

Title (fr)
Guide-fil à va-et-vient.

Publication
EP 0213462 A2 19870311 (DE)

Application
EP 86111044 A 19860809

Priority
DE 3530804 A 19850829

Abstract (en)
[origin: US4685637A] A traversing yarn guide is disclosed which is adapted for reciprocating an advancing yarn or the like to form a wound package on a yarn winding machine of the type which includes a drive roll having a cross spiraled groove, and an adjacent pair of guide rails. The yarn guide includes a body member composed of an elongate follower which is adapted to be received in the groove of the cross spiraled drive roll, and two pairs of guide arms which extend laterally outwardly from the follower, and which have outer edges defining a generally diamond shaped outline in plan view. The yarn guide further includes a yarn engaging member having a slot for receiving and guiding the advancing yarn, and the arms of the body member are composed of a relatively resilient material which provides flexibility to the arms and which has been found to reduce abrasion and fatigue damage and thereby increase the service life of the guide.

Abstract (de)
Ein Changierfadenführer (1) für Aufspulmaschinen für Fäden ist aus einem Stück gefertigt und besteht aus einem Fadenführer (2) für den Faden, einem Fadenführungsstück, das parallelogrammförmig ausgebildet und in einer Schiene (9) geradgeführt ist, und aus einem Schiffchen (4), das in der Gewindenut (8) einer Kehrgewindewalze (7) gleitet. Die Führungskanten (12) sind längliche Führungsstege (6), die an dem Changierfadenführer federnd, einseitig auskragend befestigt sind. Zwischen den Führungskanten liegt ein Mittelsteg (3). Die Führungsstege können an ihren Enden miteinander oder mit dem Mittelsteg verbunden sein.

IPC 1-7
B65H 54/28

IPC 8 full level
B65H 54/28 (2006.01); **B65H 57/28** (2006.01)

CPC (source: EP US)
B65H 54/2812 (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Cited by
EP0489501A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0213462 A2 19870311; **EP 0213462 A3 19880406**; **EP 0213462 B1 19900502**; DE 3530804 A1 19870312; DE 3530804 C2 19890330; DE 3670823 D1 19900607; JP H07100566 B2 19951101; JP S6251571 A 19870306; US 4685637 A 19870811

DOCDB simple family (application)
EP 86111044 A 19860809; DE 3530804 A 19850829; DE 3670823 T 19860809; JP 20188286 A 19860829; US 90230586 A 19860829