

Title (en)
DEVICE FOR ZIGZAG FOLDING OF A CONTINUOUS TAPE.

Title (de)
VORRICHTUNG ZUM ZICKZACK FALTEN EINER BAHN.

Title (fr)
DISPOSITIF POUR LE PLIAGE EN ZIG-ZAG D'UNE BANDE.

Publication
EP 0466885 B1 19950524 (FR)

Application
EP 91903411 A 19910201

Priority
• FR 9100063 W 19910201
• FR 9001847 A 19900208

Abstract (en)
[origin: WO9112194A1] Improved device for the zigzag folding of a continuous flexible tape or ribbon of textile material. This device is characterized in that the rollers (4, 5) are mounted on the joining and guiding spindles (10), the lower ends of which are attached to a support structure associated with the carriage, said rollers consisting of an alternating succession of modular sets of disks (12) and pulleys (13) taking cables (14), a plurality of cables defining one or several belts (15) for advancing parts of the tape and ribbon, a first end of the cables being secured on fixing means (24-25) offset at an angle to the plane of the rollers (4-5), said cables being parallel and horizontal, the number of disks and pulleys varying according to the width of the tape or ribbon to be folded, each pulley being mounted free to rotate independently of the direction of rotation of the rollers.

IPC 1-7
B65H 45/103

IPC 8 full level
B65H 45/103 (2006.01)

CPC (source: EP US)
B65H 45/103 (2013.01 - EP US); **B65H 2701/11231** (2013.01 - EP US)

Cited by
US6193357B1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9112194 A1 19910822; AT E122996 T1 19950615; CA 2051642 A1 19910809; DE 69109946 D1 19950629; EP 0466885 A1 19920122; EP 0466885 B1 19950524; FR 2657858 A1 19910809; FR 2657858 B1 19920430; US 5211621 A 19930518

DOCDB simple family (application)
FR 9100063 W 19910201; AT 91903411 T 19910201; CA 2051642 A 19910201; DE 69109946 T 19910201; EP 91903411 A 19910201; FR 9001847 A 19900208; US 76196391 A 19911119