

Title (en)
WEB TENSIONING MECHANISM

Title (de)
BAHNSPANNUNGSMECHANISMUS

Title (fr)
MÉCANISME TENDEUR DE BANDE

Publication
EP 3476785 A1 20190501 (EN)

Application
EP 17198745 A 20171027

Priority
EP 17198745 A 20171027

Abstract (en)
A web tensioning mechanism for tensioning a print media web (10) conveyed along a feed path (14), the mechanism comprising a dancer (20) that extends over a width of the web (10), and a number of biasing members (22) arranged to bias the dancer against the web (10), characterized in that the dancer (20) is divided lengthwise into a plurality of segments (24), and the number of biasing members (22) is at least equal to the number of segments (24).

IPC 8 full level
B65H 23/025 (2006.01); **B65H 23/04** (2006.01); **B65H 23/16** (2006.01)

CPC (source: EP)
B65H 23/0258 (2013.01); **B65H 23/048** (2013.01); **B65H 23/16** (2013.01); **B65H 2404/113** (2013.01); **B65H 2404/1521** (2013.01); **B65H 2408/2171** (2013.01)

Citation (applicant)
• US 4669646 A 19870602 - OINONEN HANNU [FI]
• US 3786975 A 19740122 - HEYMANNS W

Citation (search report)
• [X] US 3648342 A 19720314 - DORFEL GERHARD WALTER
• [X] DE 19938618 A1 20010222 - SWEGMARK INVEST AB BORAS [SE]
• [X] GB 851139 A 19601012 - SCHJELDAHL CO G T
• [I] EP 0754641 A1 19970122 - GERBER GARMENT TECHNOLOGY INC [US]
• [A] US 5825374 A 19981020 - ALBERTALLI DAVID [US], et al

Cited by
CN111114130A; CN110844664A

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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