

Title (en)  
DEVICE AND METHOD FOR PLAITING A WEB OF FLEXIBLE MATERIAL

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM ABLEGEN EINER FLEXIBLEN MATERIALBAHN

Title (fr)  
DISPOSITIF ET PROCEDE POUR PLIER UNE BANDE DE MATERIAU SOUPLE

Publication  
**EP 1399380 A1 20040324 (DE)**

Application  
**EP 02742783 A 20020525**

Priority  
• DE 0201906 W 20020525  
• DE 10125452 A 20010525

Abstract (en)  
[origin: WO02094697A1] Disclosed is a device and a method for plaiting a web of flexible material (1), comprising at least one pair of plaiting rollers (2, 3) which rotate in opposite directions and between which the web of material is guided to a plaiting point (4). The plaiting rollers (2, 3) are part of a plaiting carriage (5) which can be displaced along the plaiting length (L) of the web of material (1) with reversible orientation thereof. The aim of the invention is to guide the material to the plaiting point in such a way that the position and quality thereof is not impaired. The plaiting carriage (5) is thus provided with two conveyor belts (6,7) which revolve at least around the plaiting rollers (2, 3), setting said rollers into motion; the web of material (1) is conveyed at least in a partially guided manner between the conveyor belts (6, 7); and the speed of the web of material (1) is equal to that of the conveyor belts (6,7).

IPC 1-7  
**B65H 45/103**

IPC 8 full level  
**B65H 45/101** (2006.01); **B65H 45/103** (2006.01)

CPC (source: EP US)  
**B65H 45/103** (2013.01 - EP US); **B65H 2301/42162** (2013.01 - EP US); **B65H 2701/11231** (2013.01 - EP US);  
**B65H 2701/18242** (2013.01 - EP US)

Citation (search report)  
See references of WO 02094697A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 02094697 A1 20021128**; AT E340144 T1 20061015; BR 0209997 A 20040406; CA 2446745 A1 20021128; CA 2446745 C 20070109; CN 1248939 C 20060405; CN 1514797 A 20040721; DE 10125452 A1 20021212; DE 10125452 C2 20030618; DE 50208210 D1 20061102; DK 1399380 T3 20061227; EP 1399380 A1 20040324; EP 1399380 B1 20060920; JP 2004525046 A 20040819; MX PA03010665 A 20050307; US 2004147384 A1 20040729; US 6949060 B2 20050927

DOCDB simple family (application)  
**DE 0201906 W 20020525**; AT 02742783 T 20020525; BR 0209997 A 20020525; CA 2446745 A 20020525; CN 02810567 A 20020525; DE 10125452 A 20010525; DE 50208210 T 20020525; DK 02742783 T 20020525; EP 02742783 A 20020525; JP 2002591376 A 20020525; MX PA03010665 A 20020525; US 47900603 A 20031124