

Title (en)  
Apparatus for expanding a tubular fabric

Title (de)  
Vorrichtung zum Öffnen einer schlauchförmigen Warenbahn

Title (fr)  
Dispositif pour ouvrir un tissu tubulaire

Publication  
**EP 1347090 A3 20040324 (DE)**

Application  
**EP 03005563 A 20030312**

Priority  
DE 10212080 A 20020319

Abstract (en)  
[origin: EP1347090A2] An assembly (1) opens a hose web (2) into a flat panel for further processing. The assembly has a central column (4) and opening sliding dome (9) with lever (20) operated spreader (13) bars (15, 16). The lever (20) deflects the bars esp. to an acute angle (alpha, beta) with respect to the column (4). The angle declines from the bar root to tip. The angle declines from tip to root with the square of the radial distance from the column (4) axis (19). The spreader bars are operated by a combination of side-struts (20, 21) and column (4) movement.

IPC 1-7  
**D06C 5/00**; **D06H 7/08**

IPC 8 full level  
**D06C 5/00** (2006.01); **D06H 7/08** (2006.01)

CPC (source: EP)  
**D06C 5/00** (2013.01); **D06H 7/08** (2013.01)

Citation (search report)

- [A] DE 4125278 A1 19930204 - ERHARDT & LEIMER GMBH [DE]
- [A] US 1964691 A 19340626 - SHIPPLING CHARLES A
- [A] DE 1126835 B 19620405 - BENTELER WERKE AG

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1347090 A2 20030924**; **EP 1347090 A3 20040324**; **EP 1347090 B1 20071010**; CN 1243871 C 20060301; CN 1445410 A 20031001; DE 10212080 A1 20031009; DE 10212080 B4 20070208; DE 50308331 D1 20071122

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