

Title (en)  
FOLDER

Title (de)  
FALZAPPARAT

Title (fr)  
APPAREIL DE PLIAGE

Publication  
**EP 1390283 A2 20040225 (DE)**

Application  
**EP 02721998 A 20020307**

Priority  
• DE 0200829 W 20020307  
• DE 10116346 A 20010402

Abstract (en)  
[origin: WO02079065A2] The invention relates to a folder which comprises a cutter for cutting a web of material into signatures, a folding device for producing at least one fold in a signature cut from the web of material, at least one delivery device and one conveyor path for directly feeding cut signatures to the delivery device while avoiding the folding device. The signatures can be optionally guided via the conveyor path or through the folding device. A signature switch of the conveyor path distributes the signatures to two flies that deliver to conveyor belt devices that are arranged in parallel to the rotational axes thereof.  
[origin: WO02079065A2] The invention relates to a folder which comprises a cutter (01, 26) for cutting a web of material (04) into signatures, a folding device (02) for producing at least one fold in a signature cut from the web of material (04), at least one delivery device (23) and one conveyor path (03) for directly feeding cut signatures to the delivery device (06, 07) while avoiding the folding device (02). The signatures can be optionally guided via the conveyor path (36) or through the folding device (02). A signature switch (27) of the conveyor path (36) distributes the signatures to two flies (38, 39) that deliver to conveyor belt devices (41, 42) that are arranged in parallel to the rotational axes thereof.

IPC 1-7  
**B65H 45/16**; **B65H 29/60**; **B41F 13/54**

IPC 8 full level  
**B41F 13/54** (2006.01); **B65H 29/60** (2006.01); **B65H 45/16** (2006.01)

CPC (source: EP US)  
**B41F 13/54** (2013.01 - EP US); **B65H 29/12** (2013.01 - EP US); **B65H 29/40** (2013.01 - EP US); **B65H 29/60** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65H 45/162** (2013.01 - EP US); **B65H 45/28** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Citation (search report)  
See references of WO 02079065A2

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 02079065 A2 20021010**; **WO 02079065 A3 20030130**; **WO 02079065 B1 20030327**; AT E380773 T1 20071215; AT E408580 T1 20081015; AT E411963 T1 20081115; AU 2002252957 A1 20021015; DE 10116346 A1 20021017; DE 10116346 B4 20060302; DE 50211359 D1 20080124; DE 50212800 D1 20081030; DE 50212942 D1 20081204; EP 1390283 A2 20040225; EP 1390283 B1 20071212; EP 1524226 A2 20050420; EP 1524226 A3 20070815; EP 1524226 B1 20080917; EP 1524227 A2 20050420; EP 1524227 A3 20070815; EP 1524227 B1 20081022; US 2004135303 A1 20040715; US 2005248082 A1 20051110; US 6941862 B2 20050913

DOCDB simple family (application)  
**DE 0200829 W 20020307**; AT 02721998 T 20020307; AT 04102553 T 20020307; AT 04102555 T 20020307; AU 2002252957 A 20020307; DE 10116346 A 20010402; DE 50211359 T 20020307; DE 50212800 T 20020307; DE 50212942 T 20020307; EP 02721998 A 20020307; EP 04102553 A 20020307; EP 04102555 A 20020307; US 17758705 A 20050711; US 47275104 A 20040120