

Title (en)  
Folding appliances

Title (de)  
Falzapparate

Title (fr)  
Appareils de pliage

Publication  
**EP 1623946 A3 20060705 (DE)**

Application  
**EP 05109908 A 20030131**

Priority  
• EP 03706275 A 20030131  
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Abstract (en)  
[origin: US2005103215A1] A folding appliance includes a rotatable folding blade cylinder for transporting a signature to be folded, and at least one folding blade that can rotated about a first axle inside the folding blade cylinder. That first axle is held on a carrier which, in turn, can be rotated about a second axle. The folding blade can extend out of the folding blade cylinder during the course of rotation of the folding blade cylinder. The carrier and the folding blade cylinder can be phase-displaced in relation to each other.

IPC 8 full level  
**B65H 45/16** (2006.01); **B65H 45/18** (2006.01)

CPC (source: EP US)  
**B65H 45/161** (2013.01 - EP US); **B65H 2403/481** (2013.01 - EP US); **B65H 2403/943** (2013.01 - EP US)

Citation (search report)  
• [DA] DE 1222082 B 19660804 - WOOD NEWSPAPER MACH CORP  
• [A] US 5741209 A 19980421 - HILLEBRAND BERND ANTON [DE], et al  
• [A] DE 10032815 A1 20010118 - HEIDELBERGER DRUCKMASCH AG [DE]  
• [A] US 5718661 A 19980217 - MICHALIK HORST BERNHARD [DE]  
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• [A] DE 19623500 A1 19971218 - PMS GRAPHISCHER SERVICE GMBH [DE]  
• [A] US 6004242 A 19991221 - KOSTIZA SIMON [DE]

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

DOCDB simple family (publication)  
**US 2005103215 A1 20050519; US 7255668 B2 20070814;** AU 2003208277 A1 20030909; CN 1319831 C 20070606; CN 1639040 A 20050713; DE 10208292 A1 20030918; DE 10208292 B4 20040415; DE 50306340 D1 20070308; DE 50308684 D1 20080110; EP 1478590 A1 20041124; EP 1478590 B1 20071128; EP 1623946 A2 20060208; EP 1623946 A3 20060705; EP 1623946 B1 20070117; EP 1623946 B8 20100602; JP 2005518323 A 20050623; JP 4044051 B2 20080206; RU 2004123883 A 20060127; RU 2282575 C2 20060827; WO 03072477 A1 20030904; WO 03072477 B1 20040304

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