

Title (en)  
FOLDING DEVICE

Title (de)  
FALTVORRICHTUNG

Title (fr)  
DISPOSITIF DE PLIAGE

Publication  
**EP 4105158 A1 20221221 (EN)**

Application  
**EP 21382527 A 20210614**

Priority  
EP 21382527 A 20210614

Abstract (en)  
The present invention relates to a folding device (1) intended to fold a continuous web (100) of flexible material on itself which is made to pass therethrough, with a main folder (2) and an auxiliary folder (3), aligned, both inscribed in planes perpendicular to a reference plane (Y) and positioned forming an angle ( $\alpha$ ) with each other, the main folder (2) having an essentially triangular shape the sides of which, converging towards the reference plane (Y) without meeting each other, determine a set of first folding edges (21) which are movably mounted on the body of the main folder (2), such that the coordinated movement thereof towards or in the opposite direction to the reference plane (Y) enables the opening or closing of the triangle shape to be regulated and thus the width of a bottom portion (102) of the web that will be folded inwards by the auxiliary folder (3).

IPC 8 full level  
**B65H 45/22** (2006.01)

CPC (source: EP)  
**B31B 70/266** (2017.08); **B31B 70/36** (2017.08); **B65H 45/223** (2013.01); **B65H 2402/32** (2013.01)

Citation (search report)  
• [XA] US 4285686 A 19810825 - AMBLER JAMES R  
• [A] EP 2692649 A1 20140205 - MESPACK S L [ES]

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Designated extension state (EPC)  
BA ME

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DOCDB simple family (publication)  
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