

Title (en)  
SHAPING TOOL FOR SECONDARY PACKAGES

Title (de)  
FORMWERKZEUG FÜR SEKUNDÄRVERPACKUNGEN

Title (fr)  
OUTIL DE FORMAGE POUR EMBALLAGES SECONDAIRES

Publication  
**EP 3842224 A1 20210630 (EN)**

Application  
**EP 19219766 A 20191227**

Priority  
EP 19219766 A 20191227

Abstract (en)  
A shaping tool (100) for shaping a package formed of a foldable blank, comprising an overhead oval track (110) comprising a plurality of downwardly protruding spaced apart counter-means (112), a first conveyor (120) extending between a receiving end towards an output end, and adapted to receive the foldable blank and/or a package from an incoming conveying line at the receiving end, a shaping station (130) extending away from the receiving end, the shaping station comprising a pair of parallel shaping tracks (132), each positioned on one side of the first conveyor, the pair of generally parallel shaping tracks comprising a plurality of pairs of independently movable shaping lugs (134), each pair of shaping lugs having a predetermined shape and adapted to receive one of the foldable blanks there-between; the pair of lugs movable towards each other to form a package having a desired shape.

IPC 8 full level  
**B31B 50/32** (2017.01); **B31B 50/54** (2017.01); **B31D 5/00** (2017.01); **B65B 11/00** (2006.01); **B65B 11/08** (2006.01); **B65B 21/24** (2006.01); **B31B 100/00** (2017.01)

CPC (source: EP)  
**B31B 50/003** (2017.07); **B31B 50/32** (2017.07); **B31B 50/54** (2017.07); **B65B 11/004** (2013.01); **B65B 11/08** (2013.01); **B65B 21/24** (2013.01); **B31B 2100/0026** (2017.07); **B31B 2241/001** (2013.01)

Citation (applicant)  
• US 3841476 A 19741015 - ELFORD P  
• WO 2017174347 A1 20171012 - SIG TECHNOLOGY AG [CH]

Citation (search report)  
• [A] US 3815320 A 19740611 - GANZ R  
• [A] DE 19602358 C1 19970313 - EUROPA CARTON FALTSCHACHTEL [DE]  
• [A] NZ 584464 A 20100730 - OTOR SA  
• [XA] WO 0164519 A1 20010907 - INGENIUS SRL [IT], et al

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3842224 A1 20210630**

DOCDB simple family (application)  
**EP 19219766 A 20191227**