

Title (en)  
METHOD TO MAKE BLANKS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON ZUSCHNITTEN

Title (fr)  
PROCÉDÉ POUR LA FABRICATION D'ÉBAUCHES

Publication  
**EP 3061579 A1 20160831 (EN)**

Application  
**EP 16163409 A 20120124**

Priority  
• IT MI20110091 A 20110126  
• EP 15157043 A 20120124  
• EP 12707897 A 20120124  
• IB 2012000093 W 20120124

Abstract (en)  
Method for making blanks (30; 130) starting from a sheet (5) of material fed by feed means (1, 2) in a direction of feed (A), comprising the use of etching and cutting means (3, 4) to perform etchings (31; 131) and/or longitudinal cuts (32; 132, 135) on the sheet (5) ND OF cropping means (8) that allow to shear the sheet (5) so as to separate the blank (30; 130) from it. In rotation of the feed means (1,2) after cutting these are rotated in a direction inverse to that of the normal feed so as retract the sheet of the excessive quantity which was fed in order to avoid tearing.

IPC 8 full level  
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Citation (search report)  
• [A] DE 2447916 A1 19750703 - GD SPA  
• [A] CN 201685489 U 20101229 - GUANGZHOU KESHENGLONG CARTON PACKING MACHINERY CO LTD  
• [A] DE 4421697 A1 19960104 - KOCHER & BECK GMBH & CO ROTATI [DE]  
• [A] EP 1103369 A2 20010530 - FOCKE & CO [DE]  
• [A] US 2004177737 A1 20040916 - ADAMI MAURO [IT]  
• [A] EP 0955156 A1 19991110 - ENGICO SRL [IT]

Designated contracting state (EPC)  
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**WO 2012101498 A1 20120802**; CN 103534069 A 20140122; CN 103534069 B 20151125; CN 105128071 A 20151209; CN 105128071 B 20181109; EP 2668009 A1 20131204; EP 2668009 B1 20160330; EP 2913167 A1 20150902; EP 3061579 A1 20160831; EP 3061579 B1 20181128; EP 3061580 A1 20160831; IT 1403906 B1 20131108; IT MI20110091 A1 20120727; PL 2668009 T3 20161130; PL 3061579 T3 20190628

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