

Title (en)  
BLANK SUPPLY DEVICE AND BLANK SUPPLY METHOD USING SAME

Title (de)  
ROHLINGZUFÜHRUNGSVORRICHTUNG UND ROHLINGZUFÜHRUNGSVERFAHREN DAMIT

Title (fr)  
DISPOSITIF D'ACHEMINEMENT DE DÉCOUPES ET PROCÉDÉ D'ACHEMINEMENT DE DÉCOUPES L'UTILISANT

Publication  
**EP 3176097 A4 20180919 (EN)**

Application  
**EP 15836822 A 20150828**

Priority  
• JP 2014072547 W 20140828  
• JP 2015074503 W 20150828

Abstract (en)  
[origin: EP3176097A1] A supply apparatus (8) adapted to supply blank (10) used to form a box (14) of a package to a packaging machine (12), the supply apparatus includes a transfer path (26) adapted to transfer the blank piece by piece along a transfer surface (40), and a pair of rollers (30) rotatably placed on opposite sides of the transfer surface and provided with pressing regions (46, 52) on an outer circumferential surfaces (42c, 44c) to feed the blank while pressing a strip region (24) of the blank corresponding to a square edge (16) of the box, wherein one (42) of the pair of rollers has a large number of blades (48) in the pressing region of the roller, and when the blank passes between the pair of rollers, the blades form a large number of cut lines (58, 90, 94, 96) in the strip region of the blank to reduce bending strength of the strip region.

IPC 8 full level  
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CPC (source: EP KR RU)  
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Citation (search report)  
• [XAYI] DE 19957058 A1 20010531 - FOCKE & CO [DE]  
• [IY] WO 2012123189 A1 20120920 - BRITISH AMERICAN TOBACCO CO [GB], et al  
• [IJ] WO 9937576 A2 19990729 - MADERN GRAVEERINDUSTRIE EN GER [NL], et al  
• [XAI] EP 0200087 A1 19861105 - FOCKE & CO [DE]  
• [A] EP 0315821 A2 19890517 - FOCKE & CO [DE]  
• See also references of WO 2016031984A1

Designated contracting state (EPC)  
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