

Title (en)  
CONVEYOR DEVICE FOR PRINTED CIRCUIT BOARDS

Title (de)  
TRANSPORTVORRICHTUNG FÜR LEITERPLATTEN

Title (fr)  
DISPOSITIF DE TRANSPORT DE CARTES DE CIRCUITS IMPRIMÉS

Publication  
**EP 2870085 A1 20150513 (DE)**

Application  
**EP 13753537 A 20130717**

Priority  
DE 2013000384 W 20130717

Abstract (en)  
[origin: WO2015007255A1] The invention relates to a conveyor device for printed circuit boards (4). The conveyor device comprises a carrier means (1) that continuously circulates between conveyor wheels and is linearly guided in some sections. On said carrier means (1), at least one carrier element (2) is arranged for placing the printed circuit board (4) in order for it to be supported, as well as at least one resilient clamping element (5) for clamping the printed circuit board (4) onto said carrier element (2). The clamping element (5) can be moved back and forth, using a switching device (9), between a clamping element (5) opening position in which the printed circuit board (4) can be loosely placed on said carrier element (2), and a clamping element (5) spring-loaded closure position in which the printed circuit board (4) can be pressed onto the carrier element (2) by the clamping element (5).

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Citation (search report)  
See references of WO 2015007255A1

Citation (examination)  
• DE 3001742 A1 19810723 - ILLIG MASCHINENBAU ADOLF [DE]  
• DE 3109237 A1 19820923 - WINKELHOFER & SOEHNE JOH [DE]  
• DE 102005038356 A1 20070222 - MULTIVAC HAGGENMUELLER GMBH [DE]  
• DE 202006008576 U1 20071004 - WINKLHOFER & SOEHNE GMBH [DE]  
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