

Title (en)  
JOINING DEVICE FOR STRIP-LIKE MATERIAL

Publication  
**EP 0395028 A3 19930120 (EN)**

Application  
**EP 90107885 A 19900425**

Priority  
JP 10462789 A 19890426

Abstract (en)  
[origin: EP0395028A2] A device for joining a leading end of a new second strip-like material (A2) to a trailing end of a supplied first strip-like material (A1) is disclosed. This device includes a joining preparation path (1). A stamper base (3) is arranged midway along the joining preparation path (1). The first and second strip-like materials (A1; A2) are fed to the joining preparation path (1) by first and second feed mechanisms (6, 12), respectively. The first strip-like material (A1) passes through the stamper base (3), and is supplied to the next process by a convey mechanism (21). The leading end of the second strip-like material (A2) is aligned with a predetermined position (P) of the stamper base (3), and is held in position. The device includes a stamper (23) for holding a joining tape piece (T) by suction. When the trailing end of the first strip-like material (A1) reaches the predetermined position of the stamper base (3), the stamper (23) is driven toward the stamper base (3), and the trailing end of the first strip-like material (A1) is joined to the leading end of the second strip-like material (A2) by the joining tape piece (T).

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Citation (search report)  
• [Y] EP 0273287 A2 19880706 - TOKYO AUTOMATIC MACH WORKS [JP], et al  
• [Y] EP 0273286 A2 19880706 - TOKYO AUTOMATIC MACH WORKS [JP], et al  
• [Y] DE 3150648 A1 19820826 - BRITISH AMERICAN TOBACCO CO [GB]  
• [A] DE 3227838 A1 19830324 - KING INSTRUMENT CORP [US]

Cited by  
AU651583B2; US5360502A; WO9116256A1

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**EP 0395028 A2 19901031**; **EP 0395028 A3 19930120**; **EP 0395028 B1 19970219**; DE 69029953 D1 19970327; DE 69029953 T2 19970925; JP 2506441 B2 19960612; JP H02286550 A 19901126

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