

Title (en)

Joining device for strip-like material.

Title (de)

Verbindungsvorrichtung für bahnförmiges Material.

Title (fr)

Dispositif de jonction de bandes de matériaux.

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EP 0395028 A2 19901031 (EN)

Application

EP 90107885 A 19900425

Priority

JP 10462789 A 19890426

Abstract (en)

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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