

Title (en)

METHOD OF MANUFACTURING CONTINUOUS SUBSTRATE AND APPARATUS THEREFOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES KONTINUIERLICHEN SUBSTRATS

Title (fr)

PROCEDE POUR FABRIQUER UN SUBSTRAT CONTINU ET APPAREIL A CET EFFET

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Application

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Abstract (en)

The present invention relates to a method for forming a continuous material by connecting sheet materials which are used in various fields including the processing of metal foils, the processing of metal-plastic composite film material, and the processing of thermoplastic resin films such as polyimides, and an apparatus used for carrying out this method. A method has now been found in which, using a connecting apparatus comprising a hot press, a material locking device and an accumulator, a continuous material can be formed by interposing a resin bonding layer between the trailing edge of a sheet material and the leading edge of another sheet material, and subjecting this part to thermocompression bonding. Moreover, during thermocompression bonding, the material locking device is operated so that the part to be joined by thermocompression bonding comes to a standstill within the hot press, and the accumulator is also operated so that the feed speed of the sheet material on the downstream side is adjusted to a predetermined value. Thus, the completely connected sheet materials can be processed continuously. The present invention provides a method for forming a continuous material by connecting sheet materials in the above-described manner, and an apparatus used for carrying out this method.
<IMAGE>

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