

METHOD AND APPARATUS FOR CONTINUOUSLY SUPPLYING
A CONTINUOUS FILM IN A FILM APPLYING APPARATUS

ABSTRACT

A method and apparatus in which a succession of continuous films (12) each composed of a support film (12A), a photosensitive resin layer (12B) and a cover film (12C) laminated one above another are joined end to end and fed continuously while allowing the cover film (12C) to be separated. While the trailing end (12D) of a preceding continuous film (12) is held by suction on a first suction device (24), the leading end (12E) of a succeeding continuous film drawn out from a succeeding film supply roll (40) is bonded to a part of the adhesive surface (56B) of an adhesive single coated tape (56) previously held by suction on a second suction device (46), and the remaining part of the adhesive surface (56B) of the adhesive single coated tape (56) is forced against the trailing end (12D) of the preceding continuous film (12) being held on the first suction device (24) to thereby join the leading end (12E) and the trailing end (12D) via the adhesive single coated tape (56) without forming an overlap.

Figure 3