

COATING FILM REMOVING DEVICE AND COATING FILM REMOVING
METHOD

ABSTRACT

5 Provided are a coating film removing device and a
coating film removing method capable of reducing a coating
film remaining on a base film. A coating film removing
device of the present invention is a coating film removing
device that removes a coating film containing a water-
10 soluble resin from a coated film including the coating film
on at least one surface of a base film and includes: a
conveyance mechanism configured to convey the coated film;
a cleaning liquid applying mechanism configured to apply a
cleaning liquid to a surface of the coating film; a coating
15 film removing mechanism that is disposed on a downstream
side of the cleaning liquid applying mechanism in a
conveyance direction, the cleaning liquid applying
mechanism being configured to remove the coating film
containing the cleaning liquid from the coated film in
20 which the cleaning liquid is applied to the surface of the
coating film; a cleaning liquid reapplying mechanism that
is disposed on a downstream side of the coating film
removing mechanism in the conveyance direction, the
cleaning liquid reapplying mechanism being configured to
25 apply the cleaning liquid to the surface of the coating
film remaining on the base film; and a suction mechanism
that is disposed on a downstream side of the cleaning
liquid reapplying mechanism in the conveyance direction,
the suction mechanism being configured to suck residues of
30 the coating film remaining on the base film together with
the cleaning liquid.

Figure 1