

Title (en)

Winding device and method for performing a winding tube change in a winding device

Title (de)

Wickeleinrichtung sowie Verfahren zur Durchführung eines Wickelhülsenwechsels in einer Wickeleinrichtung

Title (fr)

Dispositif pour enrouler et méthode pour changer un mandarin d'enroulage dans une enrouleuse

Publication

EP 1433730 B1 20070110 (DE)

Application

EP 02023945 A 20021025

Priority

EP 02023945 A 20021025

Abstract (en)

[origin: EP1433730A1] A new winding sleeve (3) is arranged on the rear section of the conveyance direction of a film web (1) which is guided through a contact roller (2). A charging device (6) performs static electrical charging of the new winding device with respect to a blowing apparatus (7). The terminal end of the film web is raised from the surface of the contact roller. An Independent claim is also included for winding method.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2532613A1; CN102815564A; US7036763B2; WO2023006802A1

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EP 1433730 A1 20040630; **EP 1433730 B1 20070110**; CN 1500712 A 20040602; DE 50209251 D1 20070222; DK 1433730 T3 20070521; ES 2280473 T3 20070916; JP 2004142950 A 20040520; US 2004135023 A1 20040715; US 7036763 B2 20060502

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EP 02023945 A 20021025; CN 200310102800 A 20031024; DE 50209251 T 20021025; DK 02023945 T 20021025; ES 02023945 T 20021025; JP 2003364319 A 20031024; US 69327003 A 20031024