

Title (en)
Device for winding a foil-web.

Title (de)
Vorrichtung zum Aufwickeln einer Folienbahn.

Title (fr)
Dispositif d'enroulement d'une bande de film.

Publication
EP 0393519 B1 19940518 (DE)

Application
EP 90107063 A 19900412

Priority
DE 3913131 A 19890421

Abstract (en)
[origin: JPH02305747A] PURPOSE: To increase the winding speed of a film web by making average peak - valley height Ra of a surface of a covered contact roll less than 0.4 µm and making 10 HB larger than 2.5/62.5 in its Brinnel hardness. CONSTITUTION: A film reel is formed by supplying a film web 1 to a contact roll 3 and winding it on a winding core from this roll 3. The film web on this contact roll 3 and the film web on the periphery of the film reel are made contact with a pair of air displacement rollers 5a, 5b, and an air boundary layer 4 around the film webs on the contact roll 3 and the film reel is squeezed out. At this time, the covered contact roll 3 has less than 0.4 µm of surface average peak - valley height Ra and Brinnel hardness of larger than 2.5/62.5 in 10 HB.

IPC 1-7
B65H 18/26; **B65H 27/00**

IPC 8 full level
B65H 18/16 (2006.01); **B65H 18/26** (2006.01); **B65H 27/00** (2006.01)

CPC (source: EP US)
B65H 18/16 (2013.01 - EP US); **B65H 18/26** (2013.01 - EP US); **B65H 27/00** (2013.01 - EP US); **B65H 2404/1441** (2013.01 - EP US); **B65H 2404/43** (2013.01 - EP US); **B65H 2404/432** (2013.01 - EP US); **B65H 2601/211** (2013.01 - EP US)

Cited by
EP1577241A3; EP0521681A1; DE4112536A1; US5379961A; US5423496A; US6109559A; EP0963932A3; US6557269B1; WO9308110A1; WO0013998A3; WO9747543A1; US6186438B1; US6189825B1

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