

Title (en)

Device for controlling web tension

Title (de)

Vorrichtung zur Bahnspannungsregelung

Title (fr)

Dispositif pour régler la tension d'une bande

Publication

EP 1132196 B1 20080702 (DE)

Application

EP 01105065 A 20010302

Priority

DE 10011943 A 20000311

Abstract (en)

[origin: EP1132196A2] Device comprises at least one perforation welding tool (5) and a supporting frame (6) having guiding rollers (7) on one side of a sheet of plastic film (1) and an actual value sensor in the form of an air blast tube (9) connected to a pressurized air source and having at least one air outlet opening (12) at least on the side facing the sheet of plastic film. The air blast tube interacts with a measurement reader (14) which is connected to a drive of the preferential roller pair (2) and/or preferably the take-up roller pair (3). The air blast tube has on its side having the air outlet opening and facing the sheet of plastic film a wall surface (11) which is essentially parallel to the sheet of plastic film.

IPC 8 full level

B31B 19/10 (2006.01); **B31B 70/00** (2017.01); **B65H 23/188** (2006.01); **B31B 160/10** (2017.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP US); **B31B 70/10** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US)

Designated contracting state (EPC)

BE DE ES FR

DOCDB simple family (publication)

EP 1132196 A2 20010912; **EP 1132196 A3 20020717**; **EP 1132196 B1 20080702**; DE 10011943 A1 20010920; DE 10011943 B4 20060706; DE 50114061 D1 20080814; ES 2309016 T3 20081216; US 2002000458 A1 20020103; US 6564983 B2 20030520

DOCDB simple family (application)

EP 01105065 A 20010302; DE 10011943 A 20000311; DE 50114061 T 20010302; ES 01105065 T 20010302; US 80212201 A 20010308