

Title (en)

Apparatus for removing continuous web edge trim by suction

Title (de)

Vorrichtung zum Absaugen eines von einer laufenden Warenbahn abgetrennten Randstreifens

Title (fr)

Dispositif pour aspirer les bords coupé d'un matériau en bande

Publication

**EP 1344616 B1 20050209 (DE)**

Application

**EP 03003887 A 20030221**

Priority

DE 10208607 A 20020227

Abstract (en)

[origin: EP1344616A1] Edge strip (2) is trimmed from a continuous fabric (3) by a rotary cutter (6) and removed by a suction duct (10). Hinged, spring-loaded (27) feeler (15) is deflected if there is a region (33) where the strip has not been correctly cut so that is entrained with the fabric and is being pulled out of the suction duct (10). Feeler (15) is linked to a sensor (25) that provides a warning signal (30, 31) or stops the motion (32) of the fabric (3). Preferred Features: The position of the feeler (15) can be adjusted where it projects over the end of the suction duct (10). The sensor (25) can be an electrical switch, or an inductive or capacitance proximity switch. The suction duct (10) ends in a compressed air jet (12) that produces the suction.

IPC 1-7

**B26D 7/18**

IPC 8 full level

**B26D 7/18** (2006.01); **D06H 7/06** (2006.01)

CPC (source: EP)

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Cited by

CN106637893A; CN110820297A

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