

Title (en)

Suction braking device for feeding at a constant tension a continuous web of paper, or the like.

Title (de)

Saugbremsvorrichtung zum Zuführen einer Papierbahn mit konstanter Spannung, oder dergleichen.

Title (fr)

Dispositif de freinage aspirant pour alimenter à tension constante une bande continue de papier, ou similaire.

Publication

EP 0439827 A1 19910807 (EN)

Application

EP 90125422 A 19901224

Priority

IT 1240990 A 19900124

Abstract (en)

This invention relates to a suction/braking device for feeding at a constant tension a continuous web of paper, or the like, comprising a perforated annular section for braking the speed of a web of paper (N) associated with a stationary suction chamber (12), whereby the speed of paper web (N) which is passing over the annular web-braking section (10), is slowed down by the suction being applied thereon through the suction ports (110) in communication with the suction chamber (12). According to the invention, the perforated web-braking annular section forms part of a perforated web-braking cylindrical drum (10) which is mounted so as to be rotatable around its axis over a stationary suction chamber (12) formed in the inside of this drum, means (13, 25) being provided for cleaning the suction ports (110) in the annular section of the peripheral wall of the web-braking cylindrical drum (10), particularly for clearing them from any paper dust having settled in the said suction ports (110), which means are associated with a zone other than the zone in which the suction chamber (12) is formed. <IMAGE>

IPC 1-7

A24C 5/20; **B65H 23/24**

IPC 8 full level

A24C 5/20 (2006.01); **B65H 23/24** (2006.01)

CPC (source: EP)

A24C 5/20 (2013.01); **B65H 20/32** (2013.01); **B65H 23/245** (2013.01); **B65H 2801/54** (2013.01)

Citation (search report)

- [A] GB 2171286 A 19860828 - GD SPA
- [A] DE 3100814 A1 19820729 - STUMPF GUENTER O
- [A] DE 2254971 A1 19740522 - HAUNI WERKE KOERBER & CO KG
- [A] GB 2098954 A 19821201 - HAUNI WERKE KOERBER & CO KG

Cited by

EP1062882A3; EP1062882A2; CN110505813A; JP2020520632A; US11363835B2; WO2018211116A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0439827 A1 19910807; **EP 0439827 B1 19950215**; DE 69016993 D1 19950323; DE 69016993 T2 19950622; IT 1238580 B 19930818; IT 9012409 A0 19900124; IT 9012409 A1 19910724

DOCDB simple family (application)

EP 90125422 A 19901224; DE 69016993 T 19901224; IT 1240990 A 19900124