

Title (en)
DEVICE FOR DISPENSING AND CUTTING SHEET MATERIAL, WITH AUTOMATIC ROLL CHANGE

Publication
EP 0206952 B1 19891025 (FR)

Application
EP 86420148 A 19860605

Priority
• FR 8509758 A 19850620
• FR 8513649 A 19850909

Abstract (en)
[origin: EP0206952A1] 1. Apparatus for the simultaneous dispensing and cutting of webs of rolled materials including a casing (1) with front and rearward walls (1a - 1b), side walls (1c) and bottom wall (1d), with automatic changeover of the roll in use, of the type according to which the roll of material in use (R1) is applied in abutment directly onto a driving drum (3) provided with an externally collapsible cutting device (4), so that by a mere manual pull on the free web of material projecting out of an opening of the casing under the apparatus after rolling up of the material on the drum, it will be possible to dispense and to cut automatically a web the length of which is approximately equal to the diameter of the drum, a spare roll (R2) being disposed above the roll in use (R1), waiting for said roll (R1) to be completely spent, with the possibility for the empty roll to be discharged into a storage container (30), said spare roll (R2) being placed on a supporting flap (24) the position of which is adjustable, said flap being linked hingedly and controlled by an assembly of transmission means (20) (35 - 40) and of interlocking means (29 - 32) in order to provide either the holding back of the spare roll, or the positioning thereof, automatically, in abutment on the drum (3) after the discharge of the nearly empty roll, (R1), said apparatus being characterized in that : - the roll (R1) in use, placed on the driving drum (3), is also abutted rotatably on a cylinder (16) which is in turn rotatable relative to the said front and rearward walls of the casing, said free web to be pulled projecting out of the opening of the casing after having been passed along between two idle rollers (14) and (15) ; - the roll in use (R1) accommodates within the core or spindle (9) thereof an urging means (29 - 37) imparting to said roll an urging force of constant magnitude directed downwardly in order to provide the discharge of this roll between the drum (3) and the cylinder (16), towards the storage container (30) ; - the said transmission and interlocking means are actuated by a control means which is controlled itself by the urging means (29 - 37).

IPC 1-7
A47K 10/38; B65H 35/06

IPC 8 full level
A47K 10/36 (2006.01); **B65H 35/00** (2006.01)

CPC (source: EP KR)
A47K 10/3643 (2013.01 - EP); **A47K 10/3687** (2013.01 - EP); **B65H 19/00** (2013.01 - KR); **B65H 35/006** (2013.01 - EP);
A47K 2010/365 (2013.01 - EP)

Citation (examination)
EP 0116508 A1 19840822 - GRANGER MAURICE

Cited by
FR2936139A1; CN115122424A; EP4138622A4; DE4004124A1; US5257711A; DE4004122A1; US5244161A; CN107928503A; US8439293B2; WO2010034913A1

Designated contracting state (EPC)
AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0206952 A1 19861230; EP 0206952 B1 19891025; DE 206952 T1 19870813; DE 3666577 D1 19891130; ES 556283 A0 19870416; ES 8704845 A1 19870416; FR 2587013 A2 19870313; FR 2587013 B2 19871231; GR 861519 B 19861010; KR 870000228 A 19870217; KR 940002599 B1 19940326; OA 08348 A 19880229

DOCDB simple family (application)
EP 86420148 A 19860605; DE 3666577 T 19860605; DE 86420148 T 19860605; ES 556283 A 19860619; FR 8513649 A 19850909; GR 860101519 A 19860611; KR 860004883 A 19860619; OA 58882 A 19860620