

Title (en)
DEVICE FOR TENSIONING A RUBBER BLANKET

Publication
EP 0110908 B1 19861112 (DE)

Application
EP 83901595 A 19830524

Priority
DE 3219741 A 19820526

Abstract (en)
[origin: DE3219741C1] The device for attaching and tensioning a blanket on a cylinder of a printer may be protected against mishandling and inadvertant opening. Furthermore, the forces due to the tensioning of the blanket must be conducted so that the frame does not absorb anymore the total traction. To this effect, a tensioning roller (2) comprises a locking member (28) which is pressed automatically by a cam (32) into a locking position, or an opening position during an appropriate rotation of the tensioning roller. The locking member (28) provided with a rib (30) is received in a groove (26) against a face of a rectangular recess of the tensioning roller (2) and is supported by spring elements (36). The cam (32) acts on the rear part of the locking element. The frame (42) of the blanket (4) is hooked to a nose (24) in the recess of the tensioning roller (2), where it is guided by a stop fillet (37) and blocked by the locking element (28). The frame (42) is radially arranged with respect to the tensioning roller (2) and is maintained at a certain distance therefrom so that the blanket is applied, upon tensioning, against a rib and then against the surface of the tensioning cylinder (2).

IPC 1-7
B41F 7/22; B41F 27/12

IPC 8 full level
B41F 30/02 (2006.01); **B41F 27/12** (2006.01); **B41F 30/04** (2006.01)

CPC (source: EP)
B41F 27/125 (2013.01); **B41F 27/1293** (2013.01); **B41F 30/04** (2013.01)

Cited by
US5334129A; US6520085B1

Designated contracting state (EPC)
AT BE CH FR GB LI NL SE

DOCDB simple family (publication)
DE 3219741 C1 19871112; EP 0110908 A1 19840620; EP 0110908 B1 19861112; JP S59500956 A 19840531; WO 8304218 A1 19831208

DOCDB simple family (application)
DE 3219741 A 19820526; EP 8300130 W 19830524; EP 83901595 A 19830524; JP 50172483 A 19830524