

Title (en)

GRIPPER MECHANISM ON CYLINDERS OF PRINTING MACHINES, ESPECIALLY IN ROTARY SHEET-PRINTING MACHINES

Publication

EP 0045374 B1 19840118 (DE)

Application

EP 81104957 A 19810626

Priority

DE 3029219 A 19800801

Abstract (en)

[origin: EP0045374A1] 1. Gripper mechanism on cylinders for printing machines, particularly rotary sheet printing machines for recto and verstoprinting, wherein the gripper mechanism consists of cam-controlled grippers (13) rotatably arranged on a gripper shaft (11) and a gripper base (12) and is arranged rotatably in a cylinder channel (2) within the shape of the cylinder in such a way that a rubber blanket (16) necessary for the printing can be inserted and tensioned between the gripper base and the cylinder channel wall (15), characterized in that the gripper shaft (11) is mounted eccentrically in mounting bushes (10) which in turn are mounted in the side walls of the cylinder channel (2), that the gripper base (12) mounted on the gripper shaft (11) is supported via a link (9) pivoted rotatably to the floor of the cylinder channel (7) at (8), so that thereby on rotating the bearing bushes (10) the gripper shaft (11) with the grippers (13) and gripper base (12) can be moved away from the cylinder channel wall (15), wherein the dimensioning of the eccentricity and the link connection between gripper shaft (11), gripper base (12), link (9) and link pivot point (8) is so determined that gripper and gripper base are movable approximately in the cylinder peripheral direction.

IPC 1-7

B41F 21/04

IPC 8 full level

B41F 21/04 (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP)

B41F 21/10 (2013.01)

Citation (examination)

DE 1561082 A1 19700416 - ALBERT SCHNELLPRESSEN

Cited by

DE102011080321B4; DE102011080321A1; WO0149596A3; DE102011088017A1; WO2013083454A1; DE102009054744A1; WO2010086266A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0045374 A1 19820210; **EP 0045374 B1 19840118**; AT E5865 T1 19840215; DE 3029219 A1 19820513; DE 3161957 D1 19840223

DOCDB simple family (application)

EP 81104957 A 19810626; AT 81104957 T 19810626; DE 3029219 A 19800801; DE 3161957 T 19810626