

Title (en)

APPARATUS AND METHOD FOR MOUNTING AND DISMANTLING A WEAR BODY IN A PAPER MAKING MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DIE MONTAGE UND DEMONTAGE EINES VERSCHLEISSTEILS IN EINER PAPIERMASCHINE

Title (fr)

APPAREIL ET PROCEDE SERVANT A MONTER ET A DEMONTER UN CORPS D'USURE DANS UNE MACHINE A PAPIER

Publication

EP 1127186 A1 20010829 (EN)

Application

EP 99956406 A 19990929

Priority

- SE 9901728 W 19990929
- SE 9803441 A 19981009
- US 10896798 P 19981118

Abstract (en)

[origin: WO0022229A1] An apparatus for slidably contacting a clothing (4, 8) that carries a web (12) and travels in a loop in a paper making machine comprises a wear ledge (23) for contact with the clothing (4, 8), and a support body (20) for the wear ledge (23) and a device for mounting the wear ledge (23) to the support body (20). In accordance with the invention, the mounting device has a locking bar (31) arranged in a track (28) in the wear ledge (23), and a cavity (32) is formed in the support body (20) and contains a press bar (45). The support body (20) defines a plurality of holes (51) extending from the cavity (32) and open toward the track (28) in the wear ledge (23). Connecting elements (50) extend through the holes (51) and are rigidly connected to the locking bar (31) and the press bar (45), and spring members (46) in the cavity (32) act between the press bar (45) and an opposite support surface of the cavity (32) to retain the wear ledge (23) against the support body (20) in a stable operating position. An expandable hose (47) is arranged in the cavity (32) so as, when activated, to press against the press bar (45) so that the spring members (46) are compressed and the wear ledge (23) becomes free for pulling out along the locking bar (31). The invention also refers to a method for mounting and removing said wear ledge (23).

IPC 1-7

D21F 1/48

IPC 8 full level

D21F 1/48 (2006.01)

CPC (source: EP)

D21F 1/483 (2013.01)

Citation (search report)

See references of WO 0022229A1

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

WO 0022229 A1 20000420; AT E258250 T1 20040215; DE 69914358 D1 20040226; DE 69914358 T2 20040715; EP 1127186 A1 20010829; EP 1127186 B1 20040121

DOCDB simple family (application)

SE 9901728 W 19990929; AT 99956406 T 19990929; DE 69914358 T 19990929; EP 99956406 A 19990929