

Title (en)

Device for keeping the alcohol level constant in a fountain solution for offset printing

Title (de)

Alkoholkonstanthalter für Offsetdruck-Feuchtwasser

Title (fr)

Dispositif pour garder constant le niveau d'alcool d'une solution de mouillage pour l'impression offset

Publication

EP 1336482 A1 20030820 (DE)

Application

EP 02025577 A 20021115

Priority

DE 10206488 A 20020216

Abstract (en)

The device for constant alcohol maintenance for offset printing-moistening water contains a moistening water measurement container (2) with an overflow (14), a controlled feed float (8) in the measurement container for alcohol feed and a recirculation path (24) for moistening water working to and from the moistening water tank (56) which has a forward flow conduit (54), a back flow conduit branch (52) into the moistening water tank and a back flow conduit branch (53) into the measurement container. An alcohol feed path (10) is connectable with the atmosphere by a venting valve (36). In the measurement container an emergency cut-off float (16) is arranged. Dependent upon its floating operation and upon the alcohol content in the moistening water, the venting valve is opened, connecting the alcohol feed path with the atmosphere, when the alcohol content in the moistening water has reached or exceeded an emergency cut-off value.

Abstract (de)

Alkoholkonstanthalter für Offsetdruck-Feuchtwasser mit einem Dosierschwimmer (6) zur Zudosierung von Alkohol in das Feuchtwasser (4) und mit einem Notabschaltswimmer (16) zur Unterbrechung der Alkoholzufuhr durch Belüftung des Alkoholzufuhrweges (10), wenn der Alkoholgehalt im Feuchtwasser einen Notabschaltwert erreicht oder übersteigt. <IMAGE>

IPC 1-7

B41F 33/00

IPC 8 full level

B41F 7/32 (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)

B41F 33/0054 (2013.01 - EP US)

Citation (applicant)

- US 5177975 A 19930112 - MERTENS HEINZ-JOSEF [DE]
- EP 0602312 A1 19940622 - BALDWIN GEGENHEIMER GMBH [DE]

Citation (search report)

- [A] US 5181467 A 19930126 - TAKEKOSHI TOMOAKI [JP]
- [A] EP 0693721 A1 19960124 - BALDWIN GEGENHEIMER GMBH [DE]

Cited by

WO2007101501A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1336482 A1 20030820; CN 1438114 A 20030827; DE 10206488 A1 20030828; DE 10206488 B4 20090827; JP 2003246040 A 20030902; US 2003154869 A1 20030821

DOCDB simple family (application)

EP 02025577 A 20021115; CN 03101753 A 20030121; DE 10206488 A 20020216; JP 2003018621 A 20030128; US 35753003 A 20030203