

Title (en)

Device for applying a liquid mixture on a printed web

Title (de)

Vorrichtung zum Aufbringen einer Flüssigkeitsmischung auf einen bahnförmigen Bedruckstoff

Title (fr)

Dispositif pour appliquer un mélange de liquides sur une bande imprimée

Publication

EP 1442881 B1 20110202 (DE)

Application

EP 03400068 A 20031202

Priority

DE 10303849 A 20030130

Abstract (en)

[origin: EP1442881A1] A printing machine applies a mixture of two or more fluids to a paper web. The assembly has a first reservoir for the first fluid, a fluid supply for the second fluid and mixer vessel in which the two are combined and a reservoir in which they are held prior to application. The printing machine has a separate buffer tank for the first liquid. The buffer tank has a valve-regulated delivery tube to the mixer container (12, 14). The valve is operated by a control unit and maintains a continuous or quasi-continuous supply of concentrated silicon oil (1). A second valve is linked to the same control unit and maintains a continuous or quasi-continuous supply of water. Also claimed are commensurate processes to operate the assembly and apply the resultant mixture.

IPC 8 full level

B41F 22/00 (2006.01); **B41F 23/00** (2006.01)

CPC (source: EP)

B41F 22/00 (2013.01); **B41F 23/00** (2013.01)

Cited by

CN102363390A; EP2163386A1; EP2907661A1; WO2010029137A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 1442881 A1 20040804; **EP 1442881 B1 20110202**; CN 1519108 A 20040811; DE 10355967 A1 20040805; DE 50313455 D1 20110317

DOCDB simple family (application)

EP 03400068 A 20031202; CN 200410003564 A 20040130; DE 10355967 A 20031201; DE 50313455 T 20031202