

Title (en)
Dampening solution hardness regulation

Title (de)
Feuchtmittel Härteregelung

Title (fr)
Réglage de dureté par agent d'humification

Publication
EP 2335941 B1 20140226 (DE)

Application
EP 10194685 A 20101213

Priority
DE 102009058852 A 20091218

Abstract (en)
[origin: EP2335941A1] The method involves determining and storing value pairs of conductivity of dampening solution (12) and hardness to determine formula-based correlation between the hardness and conductivity of the dampening solution. A predetermined amount of the dampening solution is guided over an ion exchanger (28). A differential correlation between conductivity increase and/or conductivity decrease and/or hardness increase and/or hardness decrease is determined and stored from measured conductance values before decrease of the solution amount and after addition of hardened dampening solution. An independent claim is also included for a device for preparing dampening solution of a wet offset printing machine.

IPC 8 full level
B41N 3/08 (2006.01); **B41F 7/32** (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)
B41F 7/26 (2013.01 - EP US); **B41F 7/32** (2013.01 - EP US); **B41F 33/0054** (2013.01 - EP US); **B41N 3/08** (2013.01 - EP US)

Cited by
FR2993820A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2335941 A1 20110622; **EP 2335941 B1 20140226**; CN 102712189 A 20121003; DE 102010054345 A1 20110622;
DE 102010054346 A1 20110622; JP 2013514203 A 20130425; US 2012312178 A1 20121213; WO 2011072830 A1 20110623

DOCDB simple family (application)
EP 10194685 A 20101213; CN 201080057283 A 20101213; DE 102010054345 A 20101213; DE 102010054346 A 20101213;
EP 2010007574 W 20101213; JP 2012543515 A 20101213; US 201213525520 A 20120618