

Title (en)

Liquid transfer apparatus

Title (de)

Flüssigkeitsübertragungsvorrichtung

Title (fr)

Appareil de transfert de liquides

Publication

EP 2805825 A1 20141126 (EN)

Application

EP 13168748 A 20130522

Priority

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Abstract (en)

An ink transfer apparatus (102) for transferring ink to an ink application roller (110) of a sheet printing or sheet coating apparatus is disclosed. The ink transfer apparatus comprises a series of ink transfer rollers (104, 106, 108, 110) for transferring ink to the liquid application roller, and a motor (112) for causing reciprocating motion of the ink transfer rollers in a direction substantially parallel to their axes of rotation. A controller receives an input signal dependent on a rotational position of the liquid application roller and controls operation of the motor in dependence on the input signal.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] EP 1820648 A2 20070822 - ROLAND MAN DRUCKMASCH [DE]
- [X] DE 102004048149 A1 20060406 - KOENIG & BAUER AG [DE]
- [A] DE 102007041680 A1 20090305 - MANROLAND AG [DE]

Cited by

CN107000428A; WO2016107631A1; US10744755B2

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