

Title (en)
Ink supply system for printers

Title (de)
Tonereinspeisungssystem für Drucker

Title (fr)
Système d'alimentation d'encre pour imprimantes

Publication
EP 1995070 A3 20090916 (FR)

Application
EP 08103111 A 20080328

Priority
ES 200701240 A 20070509

Abstract (en)
[origin: EP1995070A2] The system has a high capacity tank (1) from which ink is propelled to a sealed tank (3) through a pump (2). A depression is created in the sealed tank with respect to an ink-jet head (5), such that pressure of the ink in the head is lower than exterior pressure. A pressurized air connection (7) is connected to the sealed tank. An impulsion pump generates recirculation between the head and the sealed tank.

IPC 8 full level
B41J 2/165 (2006.01); **B41J 2/175** (2006.01); **B41J 2/18** (2006.01)

CPC (source: EP ES)
B41J 2/16532 (2013.01 - ES); **B41J 2/175** (2013.01 - EP); **B41J 2/17556** (2013.01 - EP ES); **B41J 2/17596** (2013.01 - ES);
B41J 2/18 (2013.01 - EP ES)

Citation (search report)

- [X] US 5818485 A 19981006 - REZANKA IVAN [US]
- [X] WO 0068018 A1 20001116 - CAMBRIDGE CONSULTANTS [GB], et al
- [X] EP 1593519 A2 20051109 - MATSUSHITA ELECTRIC IND CO LTD [JP], et al
- [X] US 2006187278 A1 20060824 - LANGFORD JEFFREY D [US], et al
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- [A] EP 1281526 A1 20030205 - SEIKO EPSON CORP [JP]
- [A] US 4338610 A 19820706 - SELLEN KENNETH R, et al

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1995070 A2 20081126; EP 1995070 A3 20090916; ES 2307428 A1 20081116; ES 2307428 B1 20091002

DOCDB simple family (application)
EP 08103111 A 20080328; ES 200701240 A 20070509