

Title (en)

Printer with simplified manufacturing and manufacturing method

Title (de)

Drucker mit vereinfachtem Herstellungsverfahren und Herstellungsverfahren

Title (fr)

Imprimante à fabrication simplifiée et procédé de réalisation

Publication

EP 1106371 B1 20060118 (FR)

Application

EP 00403351 A 20001130

Priority

- FR 9915270 A 19991203
- FR 9915271 A 19991203
- FR 0002900 A 20000307

Abstract (en)

[origin: EP1106371A1] Compensation method takes into account ink viscosity, jet speed, the distance at which the jet breaks up into droplets and the phase. Each is addressed independently to ensure that printing commands are followed correctly. Accordingly the delivery position of ink droplets is compared with a reference position and the defects compensated for by varying the charge applied to the ink droplets. An Independent claim is made for an inkjet printer with compensation for the various print defects of mechanical origin.

IPC 8 full level

B41J 2/075 (2006.01); **B41J 29/393** (2006.01); **B41J 2/08** (2006.01); **B41J 2/085** (2006.01); **B41J 2/115** (2006.01); **B41J 2/12** (2006.01); **B41J 2/21** (2006.01)

CPC (source: EP US)

B41J 2/08 (2013.01 - EP US); **B41J 2/085** (2013.01 - EP US); **B41J 2/12** (2013.01 - EP US); **B41J 2/2132** (2013.01 - EP US); **B41J 29/393** (2013.01 - EP US)

Cited by

FR2934810A1; CN102119082A; FR2934809A1; CN102171043A; US11283936B1; US11755865B1; US11731420B1; WO2010018169A3; WO2010018168A1

Designated contracting state (EPC)

BE DE ES FR GB IT

DOCDB simple family (publication)

EP 1106371 A1 20010613; **EP 1106371 B1 20060118**; CN 1137818 C 20040211; CN 1305895 A 20010801; DE 60025582 D1 20060406; DE 60025582 T2 20061123; ES 2257277 T3 20060801; FR 2801836 A1 20010608; FR 2801836 B1 20020201; IL 139887 A0 20020210; IL 139887 A 20040620; JP 2001191538 A 20010717; US 2001040599 A1 20011115; US 6464322 B2 20021015

DOCDB simple family (application)

EP 00403351 A 20001130; CN 00131062 A 20001202; DE 60025582 T 20001130; ES 00403351 T 20001130; FR 0002900 A 20000307; IL 13988700 A 20001123; JP 2000362638 A 20001129; US 72799600 A 20001201