Title (en)
   Inkjet printer

Title (de)
   Tintenstrahldrucker

Title (fr)
   Imprimante jet d'encre

Publication
   EP 1707370 A1 20061004 (EN)

Application
   EP 06111983 A 20060330

Priority
   • EP 05102536 A 20050331
   • EP 06111983 A 20060330

Abstract (en)
   The invention pertains to an inkjet printer for jetting ink that is substantially free of solvent, the printer comprising a printhead having an ink
   chamber (11) with an ink inlet (12) and an ink outlet (8), an ink supply reservoir (14) in fluid connection with the chamber via the ink inlet, an
   electromechanical transducer (16) in operative connection with the chamber for generating pressure waves herein, and a heater (9) for substantially
   uniformly heating the ink in the ink chamber, wherein the ink inlet comprises a constricting element (15) such that the pressure drop over the
   constricting element in the direction from the reservoir to the chamber is smaller than the pressure drop over said element in the opposite direction
   for the same net fluid flow and wherein the ratio of the length of the constricting element and the mean diameter of this element is less than 10.

IPC 8 full level
   B41J 2/14 (2006.01)

CPC (source: EP)
   B41J 2/14201 (2013.01); B41J 2/17593 (2013.01); **B41J 2002/14475** (2013.01)

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   AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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