

Title (en)
LIQUID EJECTING APPARATUS AND METHOD OF REDUCING PRESSURE

Title (de)
FLÜSSIGKEITSAUSSTOSSVORRICHTUNG UND VERFAHREN ZUR VERRINGERUNG DES DRUCKS

Title (fr)
APPAREIL D'ÉJECTION DE LIQUIDE ET PROCÉDÉ DE RÉDUCTION DE PRESSION

Publication
EP 3181362 B1 20200819 (EN)

Application
EP 16195918 A 20161027

Priority
JP 2015213932 A 20151030

Abstract (en)
[origin: EP3181362A2] A liquid ejecting apparatus includes an ejecting portion configured to eject a liquid; a liquid channel extending from a liquid reservoir to the ejecting portion; a liquid holder configured to hold the liquid supplied from the liquid reservoir and allow the liquid to be supplied to the ejecting portion; a liquid driving portion configured to cause the liquid in the liquid channel to flow; a liquid channel opening/closing portion configured to open and close the liquid channel; a circulation channel for the liquid; a circulation channel opening/closing portion configured to open and close the circulation channel; and a controller configured to control drive of the liquid driving portion and opening/closing of the liquid channel performed by the liquid channel opening/closing portion. The controller is further configured, when pressure in the portion of the liquid channel between the liquid driving portion and the liquid holder is increased by the control, to control opening/closing of the circulation channel performed by the circulation channel opening/closing portion in such a manner that the increased pressure is released to the liquid reservoir through the circulation channel.

IPC 8 full level
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CPC (source: CN EP)
B41J 2/03 (2013.01 - CN); **B41J 2/175** (2013.01 - EP); **B41J 2/17596** (2013.01 - EP)

Cited by
US11230109B2; WO2019063978A1

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