

Title (en)
DEVICE AND METHOD FOR CLEANING AND/OR OPERATING AN INK-JET PRINTER HEAD EQUIPPED WITH AN UPSTREAM PRESSURE ABSORBER

Title (de)
VORRICHTUNG UND VERFAHREN ZUM SPÜLEN UND/ODER BETREIBEN EINES MIT EINEM VORGESCHALTETEN DRUCKDÄMPFER AUSGERÜSTETEN TINTEN- ODER TINTENSTRAHL-DRUCKKOPFS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR NETTOYER ET/OU FAIRE FONCTIONNER UNE TÊTE D'IMPRESSION À ENCRE OU JET D'ENCRE ÉQUIPÉE D'UN AMORTISSEUR DE PRESSION MONTÉ EN AMONT

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Application
EP 18795796 A 20180611

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Abstract (en)
[origin: CA3066545A1] The invention relates to a device (1) for operating and/or cleaning an ink or ink-jet printer head equipped with an upstream pressure absorber (2), the pressure absorber (2) comprises a closed damper chamber (4) that is at least partially limited by a damper film (3). A refill valve (5) is arranged in the damper chamber (4) and is designed to refill the damper chamber (4) with ink in response to a curvature of the damper film (3) in the damper chamber (4). A controllable device (6) is arranged outside of the damper chamber (4) for exerting an external pressure on at least one area of the damper film (3) limiting the damper chamber (4) in order to open the refill valve (5) arranged in the damper chamber (4) and also to create a continuously open channel through the pressure absorber for cleaning the ink-jet printer head and/or to exert an adjustable pressure on the refill valve arranged in the damper chamber (4).

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B41J 2/175 (2006.01)

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