

Title (en)
ELECTROSTATICALLY ACTUATED DEVICE

Title (de)
ELEKTROSTATISCH BETÄTIGTE VORRICHTUNG

Title (fr)
DISPOSITIF À ACTIONNEMENT ÉLECTROSTATIQUE

Publication
EP 4155540 A1 20230329 (EN)

Application
EP 21199358 A 20210928

Priority
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Abstract (en)
The invention relates to an electrostatically actuated device (1) comprising at least one electrode chamber (50) extending along a direction of extension (X) between a first electrode chamber end (51) comprising at least one first fluid channel (31), and a second electrode chamber end (53) comprising at least one second fluid channel (41). The at least one electrode chamber (50) comprises at least one lateral electrode (3, 5) extending laterally along the direction of extension (X), and is adapted to receive a deformable electrode (55) configured to cooperate with the at least one lateral electrode (3, 5) such as to be actuated between at least a first position and a second position, to push reversely a volume of fluid through at least one channel chosen between the at least one first fluid channel (31), and the at least one second fluid channel (41). The invention also relates to spectacles (S) comprising such electrostatically actuated device (1)

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Citation (applicant)
EP 3507644 A1 20190710 - LACLAREE [FR]

Citation (search report)
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• [YA] WO 0205413 A2 20020117 - HONEYWELL INT INC [US]
• [YA] EP 0601516 A1 19940615 - HITACHI LTD [JP]
• [YDA] FR 3055429 A1 20180302 - LACLAREE [FR]
• [A] US 6089534 A 20000718 - BIEGELSEN DAVID K [US], et al
• [A] US 2007029070 A1 20070208 - YAMAMOTO KENICHI [JP], et al

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