

Title (en)
LIQUID DISCHARGE HEAD

Title (de)
FLÜSSIGKEITSAUSSTOSSKOPF

Title (fr)
TÊTE DE D'ÉVACUATION DE LIQUIDE

Publication
EP 3974190 A1 20220330 (EN)

Application
EP 21168257 A 20210414

Priority
JP 2020159451 A 20200924

Abstract (en)
According to one embodiment, there is provided a liquid discharge head including a nozzle plate on which nozzles are formed, an actuator disposed facing the nozzle plate and provided with grooves configuring a plurality of pressure chambers communicating with the nozzles, liquid-repellent films formed in a predetermined first region on a surface of the actuator, and electrode layers formed in a second region different from the first region in which the liquid-repellent films are formed on the surface of the actuator.

IPC 8 full level
B41J 2/14 (2006.01); **B41J 2/16** (2006.01)

CPC (source: CN EP)
B41J 2/045 (2013.01 - CN); **B41J 2/14032** (2013.01 - CN); **B41J 2/14209** (2013.01 - EP); **B41J 2/1606** (2013.01 - EP)

Citation (search report)

- [X] EP 3663091 A1 20200610 - SII PRINTEK INC [JP]
- [X] JP 2002160364 A 20020604 - SEIKO INSTR INC
- [XI] EP 3711956 A1 20200923 - TOSHIBA TEC KK [JP]

Designated contracting state (EPC)
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BA ME

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