

Title (en)
LIQUID-DISCHARGING HEAD AND RECORDING DEVICE USING SAME

Title (de)
FLÜSSIGKEITSENTLADUNGSKOPF UND AUFZEICHNUNGSVORRICHTUNG DAMIT

Title (fr)
TÊTE D'ÉVACUATION DE LIQUIDE ET DISPOSITIF D'ENREGISTREMENT L'UTILISANT

Publication
EP 2832543 B1 20190123 (EN)

Application
EP 12872549 A 20120330

Priority
JP 2012058573 W 20120330

Abstract (en)
[origin: EP2832543A1] [Object] To provide a liquid ejecting head in which unevenness of ejection can be reduced, and increased reliability of a wiring board can be obtained, and a recording apparatus which uses the liquid ejecting head. [Solution] A liquid ejecting head 2 which includes a flow path member 4 including pressurizing chambers 10 which are respectively arranged on the row and column at equal intervals, and a common flow path 5, and a piezoelectric actuator substrate 21 which includes a second electrode (individual electrode) 25. The common flow path 5 extends in the row direction, communicates with the pressurizing chambers 10 which align on both sides row by row, the second electrode 25 includes an electrode main body 25a, a first extraction electrode 25b-1 which is extracted from the electrode main body 25a in the first region 10-1 which is overlapped with the common flow path 5, and a second electrode 25b-2 which is extracted from the electrode main body 25a in the second region 10-2 which is not overlapped with the common flow path, any one of the two extraction electrodes is electrically connected to the wiring board 92, and the two extraction electrodes are alternately connected in the row direction.

IPC 8 full level
B41J 2/045 (2006.01); **B41J 2/055** (2006.01); **B41J 2/14** (2006.01); **B41J 2/155** (2006.01)

CPC (source: EP)
B41J 2/14209 (2013.01); **B41J 2/155** (2013.01); **B41J 2002/14217** (2013.01); **B41J 2002/14225** (2013.01); **B41J 2002/14306** (2013.01); **B41J 2002/14419** (2013.01); **B41J 2002/14459** (2013.01); **B41J 2002/14491** (2013.01)

Cited by
US10022187B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2832543 A1 20150204; **EP 2832543 A4 20160831**; **EP 2832543 B1 20190123**; JP 5826377 B2 20151202; JP WO2013145259 A1 20150803; WO 2013145259 A1 20131003

DOCDB simple family (application)
EP 12872549 A 20120330; JP 2012058573 W 20120330; JP 2014507221 A 20120330