Title (en)
INKJET RECORDING APPARATUS, DEVIATION DETECTION APPARATUS, AND DEVIATION DETECTION METHOD

Title (de)
TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG, ABWEICHUNGSDETEKTIONSVORRICHTUNG UND ABWEICHUNGSDETEKTIONSVERFAHREN

Title (fr)
APPAREIL D'ENREGISTREMENT À JET D'ENCRE, APPAREIL DE DÉTECTION DE DÉVIATION ET PROCÉDÉ DE DÉTECTION DE DÉVIATION

Publication
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Application
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Priority
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Abstract (en)
[origin: EP3539784A1] An inkjet recording apparatus (1) includes an ink ejector (21), an ejection control unit (50) and a detection unit (50). The ink ejector includes nozzle lines (N1, N2). In each nozzle line, nozzles (211) are arranged in a nozzle arrangement direction. The ejection control unit (50) causes a plurality of nozzle groups (NG) each including first, second and third nozzles (211a, 211b, 211c) having a predetermined positional relationship to form a detection pattern (P). The detection pattern has first and second density patterns (PI, P2). In the first density pattern, first unit patterns (U1) are arranged by being formed by the first and second nozzles of the respective nozzle groups. In the second density pattern, second unit patterns (U2) are arranged by being formed by the second and third nozzles of the respective nozzle groups. The detection unit detects deviation of the nozzle arrangement direction from a reference direction based on representative values of densities in density distributions of the first and second density patterns.

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