

Title (en)

SHEET MEMBER CONVEYANCE APPARATUS AND INK JET RECORDING APPARATUS

Title (de)

FOLIENELEMENTFÖRDERVORRICHTUNG UND TINTENSTRAHLAUFZEICHNUNGSVORRICHTUNG

Title (fr)

APPAREIL DE TRANSPORT D'ÉLÉMENT FEUILLE ET APPAREIL D'ENREGISTREMENT À JET D'ENCRE

Publication

EP 3693170 B1 20221026 (EN)

Application

EP 17928060 A 20171002

Priority

JP 2017035764 W 20171002

Abstract (en)

[origin: EP3693170A1] Provided are a sheet member conveyance apparatus and an ink jet recording apparatus with which it is possible to suction-attract a sheet member more reliably onto a mounting surface. The sheet member conveyance apparatus is provided with: a ventilation member provided on the side of a conveyance member opposite to a mounting surface thereof, along a movement path in a conveyance direction of the conveyance member; an air chamber which is provided on said opposite side along the movement path in a range including a region overlapping the ventilation member, and which enables ventilation with the mounting surface side of the conveyance member via ventilation holes in the conveyance member; and a suction part that sucks air via the air chamber from the side of the conveyance member opposite to the mounting surface side thereof, to suction-attract a sheet member onto the mounting surface. The air chamber includes a first section and a second section which is provided on a downstream side in the conveyance direction of the first section, and in which ventilation is provided by means of a ventilation path passing through the ventilation holes and the ventilation member. The ventilation member is provided such that a pressure loss in the ventilation path from the mounting surface side of the conveyance member to the first section is smaller than a pressure loss in the ventilation path from the mounting surface side of the conveyance member to the second section.

IPC 8 full level

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CPC (source: EP)

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