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- (54) **SHEET-LIKE OBJECT TRANSPORTING DEVICE AND INK-JET PRINTER**
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CPC **B65H 3/126** (2013.01); **B41J 11/007** (2013.01); **B41J 11/0085** (2013.01); **B41J 11/42** (2013.01); **B65H 7/16** (2013.01); **B65H 7/20** (2013.01)

- (58) **Field of Classification Search**
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See application file for complete search history.

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- (57) **ABSTRACT**
A sheet-like object transporting device disclosed herein includes a transport plate having suction holes made penetrating therethrough, a fan that sucks in air through the suction holes, a belt that moves along an upper surface of the transport plate, and a controller. Width of the belt corresponds to width of the transport plate. The belt has an open zone whose form corresponds to a sheet-like object. A sheet-like object is loaded on the transport belt so as to close up the open zone. The belt is moved with the sheet-like object attracted onto it by suction. The sheet-like object is stably held onto the transport belt, contacting the peripheries of the open zone without misalignment, and is stably transported without moving out of position or upward. It is possible to transport a sheet-like object attracted onto the belt, while suppressing suction force wasting.

8 Claims, 10 Drawing Sheets

