

Title (en)  
Sheet convey apparatus

Title (de)  
Bogenförderapparat

Title (fr)  
Appareil de transport de feuilles

Publication  
**EP 1688377 A2 20060809 (EN)**

Application  
**EP 06001324 A 20060123**

Priority  
JP 2005026332 A 20050202

Abstract (en)  
A sheet convey apparatus includes a pile board (111), sheet air blowers (116) and a leveling foot (117), and first, second, and third suction ports (112, 113, 121). A plurality of sheets are to be stacked on the pile board. The sheet air blowers (116) and the leveling foot (117) supply air between first and second sheets which are the first and second when counted from an uppermost one of the sheets stacked on the pile board, to separate the first sheet from the second sheet. The first suction ports (112) are supported to be movable in a direction of sheet thickness, and chuck and hold a trailing edge of the separated first sheet to lift upward the separated first sheet. The second suction ports (113) are supported to be movable in a sheet back-and-forth direction, and chuck and hold a more sheet leading edge side than a portion chucked by the first suction ports of the first sheet transferred from the first suction ports, and convey the first sheet forward. The third suction ports (121) are supported to be movable in the sheet back-and-forth direction, and chuck and hold the trailing edge of the first sheet transferred from the first suction ports, and convey the first sheet forward.

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• JP H0324511 U 19910313

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