Title (en)

A sheet feed method, a sheet feeder, and an image forming apparatus incorporating the said feeder

Title (de)

Bogenzuführverfahren, Bogenzuführvorrichtung und Bilderzeugungsgerät mit einer solchen Bogenzuführvorrichtung

Title (fr)

Procédé d'alimentation en feuilles, margeur de feuilles et appareil de formation d'images comprenant le margeur

Publication

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Application

EP 06120040 A 20060904

Priority

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- EP 06120040 A 20060904

Abstract (en)

[origin: EP1762518A1] The invention pertains to sheet feed method for use in a sheet feeder (400) having a sheet stacking unit (401,451) with a bottom plate (403) to support a sheet bundle (S) comprising blowing air against a side edge of the sheet bundle near the topmost sheets of the bundle, thereby lifting these sheets from the bundle, separating the uppermost sheet from the bundle, conveying this sheet away from the bundle, wherein the method further comprises assisting the said lifting of the sheets when the bundle (S) is nearly depleted by forcing an element (420) situated underneath the bundle to push against the bundle solely when air is blown against the side edge of the bundle. The invention also pertains to a sheet feeder (400) suitable for applying the said method and an imaging apparatus incorporating the said sheet feeder (400).

IPC 8 full level

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CPC (source: EP)

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