Title (en)
SHEET STACK SEPARATING DEVICE

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Application
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Priority
JP 15973384 A 19840730

Abstract (en)
[origin: EP0173613A1] A sheet-stack separating device is disclosed, which comprises means (3 to 7) for optically detecting the border of each sheet stack at the end wall of sheet pile (1), means (8 to 10) for raising the edge portion of the uppermost sheet stack for generating a gap between the uppermost and the next below stacks by impinging pressurized air onto the detected border portion, and sheet-stack separating head (8) for expanding and maintaining said gap by its insertion into said gap. Selectively, said means for optically detecting borders of sheet stacks may include means for optically sensing markers (3) applied to the end wall of each sheet stack of sheet pile, while said means for optically detecting borders of sheet stack may include means for generating video signals representing an optical image of the end wall of sheet pile; and means for counting border lines of individual sheets by using video signals before comparing the counted value against the predetermined value.

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IPC 8 full level
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