

Title (en)
Sheet separating and feeding device

Title (de)
Vorrichtung zum Trennen und zum Zuführen von Blättern

Title (fr)
Dispositif de séparation et d'alimentation de feuilles

Publication
EP 0825141 B1 20031210 (EN)

Application
EP 97114564 A 19970822

Priority
US 70399296 A 19960822

Abstract (en)
[origin: EP0825141A2] A sheet separating and feeding device (10) for use as a component of a sheet processing apparatus is disclosed in which a first feeding device (24) acts on the top of a stack of sheets to feed the top sheet toward a take away feeder (70) for removal from the stack, during which a retaining device (26) applies a force to the upper surface of the exposed trailing edge portion of the next to top sheet to apply a retaining force thereto and to the rest of the stack, and simultaneously lifts the first feeding device (24) off of the top sheet to remove the normal force from the weight of this device from the stack. When the top sheet is entirely removed from the stack, the first feeding device (24) is lowered to engage the new top sheet and the retaining force is removed therefrom so that it can now be fed to the take away feeder (70). <IMAGE>

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