

Title (en)
Feeding device.

Title (de)
Zuführvorrichtung.

Title (fr)
Dispositif d'alimentation.

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Application
EP 90109151 A 19900515

Priority
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Abstract (en)
A feeding device according to the invention, comprising: a cassette (26, 27) capable of being mounted in and removed from the main body of a copying machine to which the feeding device is adapted; a pivotal paper holding plate (34) which is disposed within the cassette and capable of being raised; a lift member (40) for raising the pivotal paper holding plate (34), disposed under the pivotal paper holding plate (34) so as to pivot on a vertical plane; a rotary lift-up member (60) for allowing the lift member (40) to pivot thereon, the lift member (40) being secured to the rotary lift-up member (60); a driving device (42) for transmitting a driving force to the rotary lift-up member (60); and a coupling device (44, 45) interposed in the driving device (42), for effecting and suspending the transmission of the driving force for rotating the rotary lift-up member (60), wherein when the cassette (26, 27) is taken out from the main body, the lift member (40) pivots downward due to its own weight, thereby releasing the pivotal paper holding plate (34) from its raised condition. With such an arrangement, even if the cassette (26, 27) is taken out from the main body when the pivotal paper holding plate (34) is in its raised condition, the paper feeding end of the pivotal paper holding plate (34) can be prevented from touching with the paper feed mechanism disposed within the main body, thereby avoiding damage to the contacted parts.

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