

Title (en)
IMPROVED PHOTOCOPYING APPARATUS.

Title (de)
VERBESSERTER PHOTOKOPIEAPPARAT.

Title (fr)
APPAREIL DE PHOTOCOPIAGE AMELIORE.

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Application
EP 80901569 A 19800709

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- US 5612979 A 19790709
- US 5613079 A 19790709
- US 7598079 A 19790917
- US 7631079 A 19790917
- US 8674979 A 19791022
- US 10939380 A 19800103
- US 11571580 A 19800128
- US 12338980 A 19800221
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Abstract (en)
[origin: WO8100156A1] In commercially available photocopiers having a liquid developer and a sheet stripping device subsequent to the transfer station, there exists a problem with "edge deletion" wherein a marginal portion of the copy sheet (40) is unable to contact the photosensitive surface (15) and therefore accept or receive a developed image. In order to eliminate "edge deletion", the present device provides a sheet stripping blade (48) which is movable between a first position in which the blade overlies a marginal portion of the photosensitive surface (15) at the transfer station (42) to engage a corner of the leading edge of the copy sheet to thereby guide the leading edge to transport mechanism (50, 54) and a second position in which the blade is removed from its overlying position to enable the copy sheet to engage the surface (15) at the marginal portion. The device further has a sheet hold-down member (105) for reducing the extent of "image deletion" in the corner of the copy sheet (40). In further aspects, a liquid metering roller (38) and cleaning blade (58) are provided.

Abstract (fr)
Les photocopieuses disponibles dans le commerce ayant un developpeur liquide et un dispositif de depouillage des feuilles placees apres la station de transfert, posent un probleme avec "l'effacement des bords", une portion marginale de la copie (40) n'etant pas capable d'etre en contact avec la surface photosensible (15) et, par consequent, acceptant ou recevant une image developpee. De maniere a eliminer "l'effacement des bords", le present dispositif utilise une lame de depouillage des feuilles (48) qui est mobile entre une premiere position dans laquelle la lame (48) recouvre une portion marginale de la surface photosensible (15) dans la station de transfert (42) pour engager un coin du bord d'attaque de la copie de maniere a guider le bord d'attaque vers le mecanisme de transport (50, 54) et une seconde position dans laquelle la lame (48) est retiree de sa position de recouvrement pour permettre a la copie d'engager la surface (15) au niveau de la portion marginale. Le dispositif comprend en outre un organe presseur des feuilles (105) pour reduire l'etendue "d'effacement d'image" dans le coin de la copie (40). Dans d'autres aspects, un cylindre de mesure de liquide (38) et une lame de nettoyage (58) sont prevus.

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