

Title (en)  
Printing unit and printing method

Title (de)  
Druckeinheit und Druckverfahren

Title (fr)  
Unité d'impression et procédé d'impression

Publication  
**EP 2284623 A1 20110216 (EN)**

Application  
**EP 09010260 A 20090808**

Priority  
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Abstract (en)  
The invention relates to a printing unit having a photoconductor which is in contact with a transfer belt, the transfer belt being deflected over deflection rolls and being capable of being brought into contact with a substrate to be printed in the region of a transfer zone. For the effective printing of electrically nonconductive substrates, in particular in mass production printing, the invention provides that, in the region of the transfer zone on the side of the transfer belt facing away from the substrate to be printed, there is arranged a transfer apparatus to which an electric voltage is applied in order to generate an electric charge in the region of the transfer zone. In this case, a high-frequency alternating current charge with a superimposed direct current charge is preferably generated.

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**G03G 15/1605** (2013.01); **G03G 15/1625** (2013.01)

Citation (applicant)  
EP 0727778 A1 19960821 - OCE NEDERLAND BV [NL]

Citation (search report)

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- [A] JP S56147152 A 19811114 - COPYER CO
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