

Title (en)  
PRINTING MECHANISM OF OFFSET PRINTING MACHINE

Title (de)  
DRUCKMECHANISMUS EINER OFFSETDRUCKMASCHINE

Title (fr)  
MÉCANISME D'IMPRESSION D'UNE MACHINE D'IMPRESSION OFFSET

Publication  
**EP 3632684 A1 20200408 (EN)**

Application  
**EP 18857136 A 20180531**

Priority  
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• CN 2018089126 W 20180531

Abstract (en)  
A printing mechanism of an offset printing machine includes a plating roller (1), a transferring roller (4), and an imprinting roller (2). The plating roller (1) is sleeved on a plate shaft (16). The transferring roller (4) is sleeved on a transfer shaft (21). The imprinting roller (2) is rotatably provided on a machine frame (3). The plating roller (1) is correspondingly matched with the transferring roller (4). The plating roller (1) and the transferring roller (4) maintain to abut and roll against each other. The plate shaft (16) is rotatably provided on the machine frame (3). The transfer shaft (21) is provided to rotate around an axis thereof. The position of the axis of the transfer shaft (21) on a transfer shaft running trajectory (40) is adjustable. When transferring rollers (4) of different outer diameters are selected, the position of the axis of the transfer shaft (21) on the transfer shaft running trajectory (40) is adjusted, so that each of the transferring rollers (4) of the different outer diameters maintains to abut and roll against the imprinting roller (2). The printing mechanism of the offset printing machine may use plating rollers and transferring rollers of different outer diameters, improving printing speed and efficiency, and improving printing accuracy.

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