

Title (en)  
DEVICE FOR ATTACHING PRINTING PLATES TO CYLINDERS

Publication  
**EP 0308799 A3 19890524 (DE)**

Application  
**EP 88115052 A 19880915**

Priority  
DE 3731642 A 19870919

Abstract (en)  
[origin: JPH01108046A] PURPOSE: To enable the adjustment of the skew of a printing plate so that a printing plate turning point may be unmovably fixed near a register by specifying the disposition of a lever disposed for a coupling plate movement and extended line thereof, and further, providing the extended line with a common cross point to form a turning point for the printing plate. CONSTITUTION: To ensure that the skew of a printing plate 42 clamped on a plate cylinder 1 may be adjusted without a fold thereof, it is required that the relation X represented by the formula below be maintained between the connection lines e, f, g, h and extended lines a, b, c, d:  $X=(a+e)/e=(b+f)/f=(c+g)/g=((d+h)/h)$ . An eccentric ring 19 is rotated so that the skew of the printing plate 42 may be adjusted on the plate cylinder 1. Rotation degrees thereof can be instantly read by indicators 21 and 22. A cross lever 11 is rotated by the eccentric ring 19 centering on a pin 16 and coupled directly to coupling plates 27 and 28 via lever arms 22 and 23. Thus, the coupling plates 27 and 28 are moved in parallel each other and the printing plate 42 on the plate cylinder 1 is rotated centering on the point A.

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**B41F 27/12**

IPC 8 full level  
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Citation (search report)  
[AD] DE 893343 C 19531015 - GERICKE ERICH

Cited by  
DE102019101172A1; DE102019120961A1; EP0507635A1; DE4315311A1; US5870955A; US5727749A; EP0418088A3; WO9528261A1; DE102020106729A1; WO2021180402A1; EP3771563A1

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