

## Title (en)

PRINTING UNIT OF A PRINTING PRESS, COMPRISING AT LEAST TWO FRAME PARTS, THE POSITION OF WHICH RELATIVE TO ONE ANOTHER CAN BE CHANGED

## Title (de)

DRUCKEINHEIT EINER DRUCKMASCHINE MIT MINDESTENS ZWEI RELATIV ZUEINANDER POSITIONSVERÄNDERBAREN GESTELLTEILEN

## Title (fr)

UNITÉ D'IMPRESSION D'UNE PRESSE COMPRENANT AU MOINS DEUX PARTIES DE BÂTI DONT LA POSITION RELATIVE PEUT ÊTRE MODIFIÉE

## Publication

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## Application

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## Abstract (en)

[origin: US2011197776A1] A printing unit of a printing press is comprised of at least two frame parts, the position of at least one of which, relative to the other, can be changed. Cooperating ones of these frame parts are placed against each other along a common joining surface, in a first operational position. These frame parts are separated from each other in a second operational position. An interstice, that is partly defined by these frame parts, is formed between the separated frame parts in the printing unit. At least one of the cooperating frame parts is supported so that it is movable along an adjustment path. At least one sensor is provided and is usable to monitor the interstice. The sensor has orientation characteristics or a sensory range along the joining surface. An aperture width of a first angular aperture of the orientation characteristics or of the sensory range is smaller than a respective aperture width of a second or third angular aperture of the orientation characteristic or sensory range. The aperture width of the first angular aperture of the orientation characteristic or the sensory range is oriented parallel to the adjustment path of the movable frame part. The aperture width of the second angular aperture of the orientation characteristic or the sensory range is oriented in an axial direction of at least one printing group cylinder which is mounted on the movable frame panel. An aperture width of the third angular aperture of the orientation characteristic or the sensory range is oriented in the direction of a height of the movable frame panel.

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