

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
EP 2323849 A1 20110525 (DE)

Application
EP 09781934 A 20090818

Priority
• EP 2009060651 W 20090818
• DE 102008041847 A 20080905

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 path. 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.

IPC 8 full level
B41F 13/00 (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP US)
B41F 13/0024 (2013.01 - EP US); **B41F 33/0018** (2013.01 - EP US)

Citation (search report)
See references of WO 2010026041A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2011197776 A1 20110818; **US 8127679 B2 20120306**; AT E542669 T1 20120215; CN 102143844 A 20110803; DE 102008041847 A1 20100311; DE 102008041847 B4 20120322; EP 2323849 A1 20110525; EP 2323849 B1 20120125; ES 2378451 T3 20120412; JP 2012501872 A 20120126; JP 4976592 B2 20120718; WO 2010026041 A1 20100311

DOCDB simple family (application)
US 73797109 A 20090818; AT 09781934 T 20090818; CN 200980134695 A 20090818; DE 102008041847 A 20080905; EP 09781934 A 20090818; EP 2009060651 W 20090818; ES 09781934 T 20090818; JP 2011525498 A 20090818