

Title (en)
SIDE FRAME OF A PRINTING MACHINE

Title (de)
SEITENGESTELL EINER DRUCKMASCHINE

Title (fr)
BÂTI LATÉRAL D'UNE MACHINE D'IMPRESSION

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Application
EP 12770022 A 20120919

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Abstract (en)
[origin: WO2013091915A1] The invention relates to a side frame (02) of a printing device (01) for face-mounting printing-unit cylinders (06; 07) of four printing units (04), comprising a frame front wall (44) that is located in closer proximity to the printing-unit cylinders to be mounted, through which journals (31; 32) of the printing-unit cylinders (06; 07) or spindles being extensions of the journals can be passed and/or are passed through the frame wall side facing away from the cylinders. The side frame further comprises at least two wall sections (48) that are essentially vertically arranged on the frame wall side of the frame front wall (44) facing away from the cylinders and are integral with said frame front wall or are at least rigidly connected. In a horizontal direction, the two wall sections (48) are arranged spaced apart from one another such that the vertical planes of at least all printing-unit cylinders (06; 07) of the four printing units (4) extending through the respective rotational axes (R06; R07) of the printing-unit cylinders (06; 07) extend between the two wall sections (48). At a height arranged at a distance from the frame front wall (44) in an axial direction of the printing-unit cylinders (R06; R07), in at least one vertical area above a rotational axis (R06; R07) of a lower-most printing-unit cylinder (06; 07) and below a rotational axis (R06; R07) of an upper-most printing-unit cylinder (06; 07), the two wall sections (48) are each connected to a support structure (43) comprising at least one support element (53), which across the entire connection width between the two wall sections (48) is of rigid construction to prevent deflection in an axial direction of the printing-unit cylinders (06; 07) in that, along at least one path spanning the entire connection width and viewed in an axial direction of the printing-unit cylinders (06; 07), the support structure (43) has a homogeneous or heterogeneous total material thickness of at least 10 mm and/or the at least one support element (53) is configured as a support wall (57) having the effect of an edging or a collar, said support wall arising across the plane of a support bottom (58) in an axial direction of the printing-unit cylinders (06; 07).

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