

Title (en)
PRESS DEVICE AND METHOD FOR MANUFACTURING PRESS-MOLDED ARTICLE

Title (de)
PRESSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES PRESSGEFORMTEN ARTIKELS

Title (fr)
DISPOSITIF DE PRESSE ET PROCÉDÉ PERMETTANT DE FABRIQUER UN ARTICLE MOULÉ À LA PRESSE

Publication
EP 4253025 A1 20231004 (EN)

Application
EP 21898085 A 20211126

Priority
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Abstract (en)
A press apparatus 1 includes: a first die part 2 having a first working surface 2a; a second die part 3 having a second working surface 3a; a first support member 4 that supports the first die part 2; and a second support member 5 that supports the second die part 3. At least one of the first and second die parts 2 and 3 provides a clearance S1, S2 present in at least a portion of an overlap region R1, the overlap region being overlapped by the first and second working surfaces 2a and 3a as viewed in the press direction, the dimension of the clearance in the press direction in a no-load condition being non-uniform along two orthogonal directions as viewed in the press direction. The minimum dimension of the clearance S1 within an inner region R1u in the no-load condition is smaller than the minimum dimension of the clearance S1 within an outer region R1s in the no-load condition, the inner region defined by, and located inward of, the middle line between the centroid G and edge of the overlap region R1.

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