

Title (en)
BENDING DEVICE

Title (de)
BIEGEVORRICHTUNG

Title (fr)
DISPOSITIF DE PLIAGE

Publication
EP 3744437 A4 20210922 (EN)

Application
EP 18910850 A 20180319

Priority
JP 2018010825 W 20180319

Abstract (en)
[origin: EP3744437A1] Workpieces are reliably bent by a simple configuration. A bending tool of the present invention includes: a pair of movable dies arranged such that a bending line of a punch and a workpiece is interposed therebetween; a support member for supporting the pair of movable dies in a manner rotatable into directions opposite to each other in accordance with bending of the workpiece by the punch; and a body for supporting the support member in a manner reciprocable in a movement direction of the punch in accordance with bending of the workpiece by the punch, in which the pair of movable dies have respective reception faces for the workpiece, respective bending side end portions formed on the respective reception faces in such a manner as to face the bending line of the workpiece, and respective convex circular faces formed to face the support member, and the support member has respective concave circular faces which slidably fit respectively with the convex circular faces, while the bending side end portions of the pair of movable dies are joined to or fit with each other in accordance with bending of the workpiece by the punch, and a sliding portion which moves in a pressing direction of the punch relative to the body in accordance with bending of the workpiece by the punch.

IPC 8 full level
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CPC (source: EP US)
B21D 5/01 (2013.01 - US); **B21D 5/0209** (2013.01 - US); **B21D 5/0263** (2013.01 - EP); **B21D 5/0281** (2013.01 - US)

Citation (search report)
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Cited by
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