

Title (en)
MANUAL BUNDLING TOOL

Title (de)
MANUELLES BÜNDELUNGSWERKZEUG

Title (fr)
OUTIL DE FICELAGE MANUEL

Publication
EP 2883802 B1 20171129 (EN)

Application
EP 12882589 A 20120809

Priority
JP 2012070370 W 20120809

Abstract (en)
[origin: EP2883802A1] An object is to provide a manual binding tool in which, without performing transferring the fingers, tightening and cutting can be performed simply by gripping a pair of levers, so that the tool can simplify a binding work, and is easy to use. The manual binding tool has: a tightening mechanism a which pulls a projection tie portion 4a that is passed through a head portion 5; a cutting mechanism c which cuts the projection tie portion 4a in a place in the vicinity of the head portion 5; first and second levers 1, 2; a tightening linkage mechanism b which links the both levers 1, 2 with the tightening mechanism a in a state where the projection tie portion 4a is pulled by gripping of the both levers 1, 2 in a range within a predetermined angle; and a cutting linkage mechanism d which links the both levers 1, 2 with the cutting mechanism c in a state where the projection tie portion 4a is cut by gripping the both levers 1, 2 beyond the predetermined angle. A switching mechanism e is disposed which, when a tightening force is smaller than a preset value, causes the tightening linkage mechanism b to operate, and the cutting linkage mechanism d not to operate, and, when the tightening force reaches the preset value, causes the tightening linkage mechanism b not to operate, and the cutting linkage mechanism d to operate.

IPC 8 full level
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Cited by
FR3084604A1; US11054187B2

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