

Title (en)
Lever mechanism for adjustable pliers

Title (de)
Hebelmechanismus für anpassbare Zangen

Title (fr)
Mécanisme de levier pour pinces ajustables

Publication
EP 2596912 B1 20150225 (EN)

Application
EP 11385201 A 20111123

Priority
EP 11385201 A 20111123

Abstract (en)
[origin: EP2596912A1] The invention relates to a lever mechanism for adjustable pliers (1), of a kind which has a displaceable active arm (2) having a transverse recess with two flanks (2a) between which there is located a passive arm (3) which has a longitudinal slot (4) provided with at least one inclined tooth arrangement (4a), there being fixed to the displaceable active arm (2) a displaceable spindle (6) which slides along the longitudinal slot (4), characterised in that said displaceable spindle (6) has an engaging configuration of a shape corresponding to a non-circular engaged orifice (5a) of a rotatable catch (5) which has, on one side, a catching tooth arrangement (5b) facing the inclined tooth arrangement (4a) of the longitudinal slot (4), and the rotatable catch (5) has, on the opposite side, a resilient spring (8); the displaceable spindle (6) has, in its upper part, a radial lever (7) located in the proximity of the thumb of the user.

IPC 8 full level
B25B 7/10 (2006.01)

CPC (source: EP)
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Cited by
CN107995884A; FR3043003A1; WO2016207076A1; DE102021102330A1; WO2021160598A1

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