

Title (en)
FORWARD OPENING PARALLEL VICES

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Application
EP 86103246 A 19860311

Priority
DE 3517298 A 19850514

Abstract (en)
[origin: EP0202407A1] 1. Forwardly opening parallel vice with at least one swinging jaw, consisting of 1.1. a housing (1) adapted to be fixed on a workbench (3) or the like, which housing (1) carries one jaw (2) and is provided with an inner guide (11) for a guide tube (12) fixedly connected to the movable, swinging jaw (14), 1.2. a threaded spindle and nut arrangement (15, 16, 17), which is arranged coaxially with the inner guide of the movable jaw and of which the one part is rotatable and fixed axially immovable on the movable jaw (14) and the other part is fixed in the housing, characterized in that 1.3. the inner guide (11) for the movable jaw (14) has a square cross-section with guideways (11), with which correspondingly formed guide surfaces (13) of the guide tube (12) cooperate, the guide surfaces (13) and the guideways (11) forming tangents to a common circle (K) whose centre is the threaded spindle axis (A), 1.4. the swinging of the jaws relative to one another takes place by changed insertion of the guide tube (12) of the movable jaw (14) in the square cross-section of the inner guide (11).

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B25B 1/10

IPC 8 full level
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