

Title (en)  
WORKPIECE SUPPORT AND CLAMPING ASSEMBLY

Publication  
**EP 0037251 B1 19850605 (EN)**

Application  
**EP 81301294 A 19810326**

Priority  
US 13480480 A 19800328

Abstract (en)  
[origin: EP0037251A2] A workpiece supporting and clamping assembly (10) is adapted to be mounted on a wall or similar structure and to be adjustable between a substantially vertical storage position, closely adjacent the wall and a working position substantially perpendicular to the wall. The assembly comprises a pair of brackets (14), a pair of spaced apart parallel hinge assemblies (16), each having locking means (104) and a release lever (106) associated therewith and a workpiece supporting and clamping structure (12) pivotally coupled with the brackets (14) and hinge assemblies (16). The workpiece supporting and clamping structure (12) comprises a generally rigid base frame (18) which includes a pair of parallel, spaced apart frame members (20) and a pair of elongated, coplanar top member (22, 24) which are mounted on the spaced apart members (20), extending generally transversely thereto such that their upper surfaces define the work supporting surface and their opposed side surfaces define the work clamping surfaces. The supporting and clamping structure (12) is pivotally mounted to the brackets (14) and to the hinge assemblies (16), which are pivotally interconnected with the brackets (14). When the workpiece supporting and clamping assembly (10) is in its storage position the hinge assemblies (16) are collapsed. When the assembly (10) is brought to its working position, the hinge assemblies (16) are extended and lock securely in extended position supporting the supporting and clamping structure (12) in its working position until both hinge assemblies (16) are affirmatively released by means of their respective release levers (106).

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IPC 8 full level  
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CPC (source: EP)  
**B25B 1/103** (2013.01); **B25H 1/04** (2013.01)

Citation (examination)  
• GB 377672 A 19320725 - MATTHEW BROWN, et al  
• US 4068601 A 19780117 - MARSH RONALD W, et al

Cited by  
CN113560918A; CN103846886A; US4656326A; EP0517582A1; CN111185884A; CN117020695A; FR2561154A1; CN108145355A; CN116494193A

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