

Title (en)  
**WORKPIECE HOLDING DEVICE**

Publication  
**EP 0020850 B1 19831123 (DE)**

Application  
**EP 80100847 A 19800221**

Priority  
DE 2924412 A 19790616

Abstract (en)  
[origin: US4282820A] An assembly disposable at a sewing-machine station for assisting an operator in the positioning and fixing of a pair of workpieces relative to one another prior to stitching at the sewing station comprises a multiplicity of clamping modules each having six lower fingers projecting from a module housing for clamping a first workpiece to a base plate and six upper fingers for clamping a second workpiece over the first. The lower fingers and the upper fingers are rigid with respective levers pivotable by the plungers of respective pneumatic cylinders, these cylinders being energizable in a predetermined sequence by an operator-controlled push valve to effect a piecewise positioning of the first workpiece and then of the second workpiece. Preferably, the modules are hingedly interconnected for assuming a curvilinear arrangement matching the contour of a workpiece; a flexible guide web is linked to the modules and to spring-loaded shape-restoring rods and profiles corresponding to the contours of workpieces are separately engageable with the web for forcing the same to conform to the contour of a selected workpiece. A support plate orientable above the first workpiece upon the positioning thereof facilitates the positioning of the second workpiece. The modules are shiftably mounted on a frame for moving together with the clamped workpieces toward the sewing station.

IPC 1-7  
**D05B 39/00**

IPC 8 full level  
**D05B 35/10** (2006.01); **D05B 35/00** (2006.01); **D05B 39/00** (2006.01)

CPC (source: EP US)  
**D05B 35/00** (2013.01 - EP US); **D05B 39/00** (2013.01 - EP US); **D05D 2207/02** (2013.01 - EP US)

Cited by  
US4625665A; EP0153796A1

Designated contracting state (EPC)  
BE CH FR GB IT

DOCDB simple family (publication)  
**EP 0020850 A1 19810107**; **EP 0020850 B1 19831123**; DE 2924412 A1 19801218; DE 2924412 C2 19830623; JP S563095 A 19810113; JP S6058993 B2 19851223; US 4282820 A 19810811

DOCDB simple family (application)  
**EP 80100847 A 19800221**; DE 2924412 A 19790616; JP 8031780 A 19800616; US 15203580 A 19800521