

Title (en)  
DEVICE FOR SHAPING WORKPIECES

Title (de)  
VORRICHTUNG ZUM VERFORMEN VON WERKSTÜCKEN

Title (fr)  
DISPOSITIF POUR LE FA ONNAGE DE PIECES

Publication  
**EP 0894032 A1 19990203 (DE)**

Application  
**EP 96933377 A 19960924**

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Abstract (en)  
[origin: US6047585A] PCT No. PCT/EP96/04176 Sec. 371 Date Dec. 29, 1998 Sec. 102(e) Date Dec. 29, 1998 PCT Filed Sep. 24, 1996 PCT Pub. No. WO97/38806 PCT Pub. Date Oct. 23, 1997An apparatus for shaping panel-shaped workpieces uses an hourglass-shaped roller as bending tool. The workpieces are clamped between a first and a second tool. The second tool has a holding-down surface. Superimposed vertical side surfaces of the tools are offset by a horizontal dimension X, which corresponds at most to five times the thickness of the panel-shaped workpiece. The second tool is inclined and forms a further vertical surface in a region in which the panel-shaped workpiece is shaped into a corner and in which the tool does not cover the workpiece.

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