

Title (en)  
PROCESS AND DEVICE FOR JOINING BY PUNCHING AND RIVETING

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER STANZNIETVERBINDUNG

Title (fr)  
PROCEDE ET DISPOSITIF POUR REALISER UN ASSEMBLAGE ESTAMPE RIVETE

Publication  
**EP 1034055 B1 20020313 (DE)**

Application  
**EP 98966245 A 19981126**

Priority  
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• EP 9807621 W 19981126

Abstract (en)  
[origin: DE19752367A1] The punch (2) and holder (1) are moved to and fro in relation to a matrix (3). At least two layers (4,5) of components are clamped between the holder and matrix. A punched rivet (8) for joining the layers is driven through the layer (4) at least next to the holder, by the punch. A controller (27) controls a unit (6) comprising a coupling (7), connected to the holder.

IPC 1-7  
**B21J 15/20**; **B21J 15/02**

IPC 8 full level  
**B21J 15/00** (2006.01); **B21J 15/02** (2006.01); **B21J 15/20** (2006.01); **B21J 15/28** (2006.01)

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