

Title (en)  
Joining method

Title (de)  
Fixierverfahren

Title (fr)  
Procédé de fixation

Publication  
**EP 1787738 A1 20070523 (DE)**

Application  
**EP 05025086 A 20051117**

Priority  
EP 05025086 A 20051117

Abstract (en)  
In a method for fixing sections of at least two components (8, 12), lying against or on each other, by deformation using a punch, one of the sections is provided with a hole (preferably a through-hole) in which the other fixing section is deformed by the punch in such a way that both fixing sections are plastically deformed. An independent claim is included for apparatus for the process, consisting of a punch with a greater diameter than the hole in the fixing section.

IPC 8 full level  
**B21D 39/03** (2006.01)

CPC (source: EP)  
**B21D 39/032** (2013.01)

Citation (applicant)

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Citation (search report)

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Designated contracting state (EPC)  
DE ES FR GB IT

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1787738 A1 20070523; EP 1787738 B1 20100602**; DE 502005009688 D1 20100715

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