

A part-holding device in a repairing method for a blade  
of a monobloc bladed disc in a turbo-machine

**Abstract**

This invention relates to a part-holding  
device in a method for repairing a blade of a monobloc  
5 bladed disc of a turbo-machine, through electron-beam  
welding of a patch (11) onto the blade along a junction  
plane. The device comprises means for supporting the  
disc and adjustable means for holding the blade and the  
patch, the latter comprising a platen (30) supporting  
10 means ((35, 36); (41, 42)) for holding the blade and  
means (48, 49, 51, 52, 55) for holding the patch (11),  
arranged such that the space located above the junction  
plane allows for an electron beam to pass.

Implementing the present invention, the  
15 relative positions of the blade and the patch are set  
using holding means that are all supported by a same  
platen, while leaving some space allowing for an  
electron beam to pass.

Such a device is simple and reliable.

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Fig. 9