

Title (en)  
METHOD FOR PRODUCING A VACUUM PUMP

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINER VAKUUMPUMPE

Title (fr)  
PROCÉDÉ DE FABRICATION D'UNE POMPE À VIDE

Publication  
**EP 3611381 B1 20231004 (DE)**

Application  
**EP 18188711 A 20180813**

Priority  
EP 18188711 A 20180813

Abstract (en)  
[origin: JP2020026794A] To improve the resistance of adhesive connections in a vacuum pump.SOLUTION: The present invention relates to a method of producing a vacuum pump (111), in particular a turbo molecular pump. With the method, first elements (163, 165) are connected to a second element (161) by an adhesive. In this case, the first and second elements (163, 165, 161) each have first or second adhesive regions (231, 232, 233, 234) provided for an adhesive, and then at least one of the adhesive regions (231, 232, 233, 234) is at least partially treated with plasma before connection.SELECTED DRAWING: Figure 1

IPC 8 full level  
**F04D 19/04** (2006.01); **C09J 5/02** (2006.01); **F04D 29/02** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP)  
**F04D 19/04** (2013.01); **F04D 19/044** (2013.01); **F04D 29/023** (2013.01); **F04D 29/32** (2013.01); **F05D 2230/23** (2013.01)

Citation (examination)

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- ANONYMOUS: "Plasma activation - Wikipedia", 21 April 2020 (2020-04-21), pages 1 - 7, XP055717631, Retrieved from the Internet <URL:https://en.wikipedia.org/wiki/Plasma\_activation#> [retrieved on 20200723]

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