

Title (en)  
METHOD AND APPARATUS FOR SMOOTHING PUTTY

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM GLÄTTEN VON KITT

Title (fr)  
PROCÉDÉ ET APPAREIL POUR LISSER DU MASTIC

Publication  
**EP 4406697 A1 20240731 (EN)**

Application  
**EP 23153095 A 20230124**

Priority  
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Abstract (en)  
According to an example aspect of the present invention, there is provided an apparatus and a method for smoothing putty on plywood panel (10). The apparatus comprises a frame (12), a smoothing instrument (13) mounted on the frame (12), and elements (8, 9) connected to the frame (12) for supporting the weight of the smoothing apparatus. Further, cylindrical roll (13) mounted rotatably on the frame (12) as a smoothing instrument and an actuator (14) for rotating the cylindrical roll (13) and a liquid passage (18) within the cylindrical roll (13) for circulating liquid through the cylindrical roll (13) for controlling the surface temperature of the cylindrical roll (13) are arranged.

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Citation (search report)  
• [XAYI] CN 115256148 A 20221101 - WANHUA HEXIANG BOARD IND HUAIYUAN CO LTD  
• [Y] DE 8912042 U1 19891123  
• [Y] CN 111673560 A 20200918 - MAANSHAN GUQING DOOR IND CO LTD  
• [Y] CN 217802225 U 20221115 - LINYI MUTOREN INTELLIGENT TECH CO LTD  
• [A] US 2008152876 A1 20080626 - MAGNUSSON TRYGGVI [US], et al  
• [A] US 6010793 A 20000104 - YOSHIMURA KATSUJI [JP], et al

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