

Title (en)  
SILICON ROD GRINDING MACHINE AND SILICON ROD GRINDING METHOD

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM SCHLEIFEN VON SILICIUMSTÄBEN

Title (fr)  
MEULEUSE POUR BARREAU DE SILICIUM ET PROCÉDÉ DE MEULAGE DE BARREAU DE SILICIUM

Publication  
**EP 4049790 A1 20220831 (EN)**

Application  
**EP 20878608 A 20200427**

Priority  

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Abstract (en)  
The present application provides a silicon rod grinder and a silicon rod grinding method thereof. A coarse grinding device and a fine grinding device of the silicon rod grinder are respectively arranged at a first machining position and a second machining position of a silicon rod machining platform; a first transfer device and a second transfer device are arranged, passing through the first machining position and the second machining position simultaneously; the first and second transfer devices are respectively configured with silicon rod clamps and driving mechanisms; the first and second transfer devices as well as the coarse grinding device and the fine grinding device are controlled through coordination, so that the coarse grinding device and the fine grinding device of the silicon rod grinder are working simultaneously, which doubles the grinding efficiency while maintaining the size and cost of the silicon rod grinder, thereby reducing the time of grinding operations and improving economic benefits.

IPC 8 full level  
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CPC (source: EP)  
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