

Title (en)
DEVICE FOR PICKING UP AND TRANSPORTING A SILICON ROD, AS WELL AS METHOD FOR PRODUCING POLYCRYSTALLINE SILICON

Title (de)
VORRICHTUNG ZUM AUFNEHMEN UND TRANSPORT EINES SILICIUMSTABS SOWIE VERFAHREN ZUR HERSTELLUNG VON POLYKRISTALLINEM SILICIUM

Title (fr)
DISPOSITIF POUR SAISIR ET TRANSPORTER UN BARREAU DE SILICIUM, AINSI QUE PROCÉDÉ DE FABRICATION DE SILICIUM POLYCRISTALLIN

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Application
EP 14816190 A 20141211

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Abstract (en)
[origin: CA2932947A1] The invention relates to an electrically operated device for receiving and transporting a silicon rod (7), which device is mounted to a ceiling of a production hall or to a support column having a pivoting arm, comprising a lifting device having a lifting cylinder (3), and a clamping device for silicon rods that is connected to the lifting cylinder. The clamping device comprises a mounting for attachment to the lifting cylinder, a contact plate having operating elements, a frame having a parallelogram structure and an automatic latch fastened to the contact plate, and a vertical latching element. There are at least two oval gripper segments (5) fastened to the frame, wherein in the closed position of the clamping device, gripper segments and vertical latching element engage, and in the open position, gripper segments and vertical latching element can automatically disengage.

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