

Title (en)
CRUCIBLE-HOLDER FOR SINGLE CRYSTAL GROWTH

Title (de)
STÜTZTIEGEL ZUM ZIEHEN VON EINKRISTALLEN

Title (fr)
PORTE-CREUSET POUR LE TIRAGE DE MONOCRISTAUX

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Abstract (en)
[origin: WO0153572A2] The invention concerns a crucible holder made from a carbon-containing material (50), designed for crystal growth operations and shaped like a hollow receptacle comprising an inner surface (14) and an outer surface (16), including at least two separate matching parts capable of being assembled by joining surfaces (51, 52, 53,). The invention is characterised in that when said parts are assembled to form the crucible-holder, specific portions of said joining surfaces overlap so as to preserve a contact surface between said parts when they are moved relative to one another during a crystal growth process. The inventive crucible-holder enables to limit chemical reactions between the crucible and the crucible-holder, thereby extending their life span.

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