

Title (en)

MAKING MONOCRYSTALS IN THE FORM OF PLATES BY GROWTH IN A SOLUTION

Title (de)

HERSTELLUNG VON PLATTENFÖRMIGEN EINKRISTALLEN DURCH LÖSUNGSWACHSTUM

Title (fr)

FABRICATION DE MONOCRISTAUX EN FORME DE PLAQUES PAR CROISSANCE EN SOLUTION

Publication

**EP 0991796 A1 20000412 (FR)**

Application

**EP 98933697 A 19980624**

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Abstract (en)

[origin: FR2764909A1] The invention concerns a method for making a monocrystal by growth in a solution from a crystal nucleus supported on a rotating platform immersed in a solution consisting in: orienting the crystal nucleus (53, 54, 55) on the platform (43, 44, 45) along the orientation for the required monocrystal; bringing about the monocrystal (56, 57, 58) growth between the platform (43, 44, 45) and a plane located opposite the platform and at a predetermined distance from the platform, said plane blocking the monocrystal growth in the direction perpendicular to the platform and favouring a lateral growth of the monocrystal in the direction parallel to the platform: proceeding with the monocrystal (56, 57, 58) growth until the required lateral growth is obtained.

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