

Title (en)

EDGE MENISCUS CONTROL OF CRYSTALLINE RIBBON GROWTH

Title (de)

KONTROLLE DES RANDBEREICHMENISKUS WÄHREND DER ZÜCHTUNG VON KRISTALLINEN BÄNDERN

Title (fr)

COMMANDE DES BORDS DU MENISQUE DE FORMATION D'UN RUBAN CRISTALLIN

Publication

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Application

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- US 34761599 A 19990702

Abstract (en)

[origin: WO0104388A2] An apparatus for growing a crystalline ribbon includes a crucible for holding a melt of a semiconductor material, a pair of strings passing through a pair of openings in the crucible, and a meniscus controller. The pair of strings defines edges of the crystalline ribbon grown from the melt. The crystalline ribbon and an upper surface of the melt form a meniscus. The meniscus controller controls a property of the meniscus near the edges of the crystalline ribbon.

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