

Title (en)

METHOD FOR PRODUCTION OF A BEAD SINGLE CRYSTAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BEAD-EINKRISTALLS

Title (fr)

PROCEDE DE PRODUCTION D'UN MONOCRISTAL EN FORME DE PERLE

Publication

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Application

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Abstract (en)

[origin: WO2007006268A1] The invention relates to a method for production of a bead single crystal. The bead single crystal is produced by electron beam heating of at least one wire in vacuo. Bead single crystals comprising Ag, Al, Cr, Cu, Ir, Mo, Nb, Ni, Pd, Pt, Re, Rh, Ru, Ta, W or metal alloys, in particular, Ag/Au, Pt/Rh or Pt/Re alloys are advantageously produced by said method. The bead single crystals are preferably used in surface research, thin layer technology and electrochemistry.

IPC 8 full level

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