

Supplementary

Numerical simulation of CdTe crystal growth by VGF technique assisted by axial low-frequency oscillations of the melt

Oleg Nefedov, Alexey Dovnarivich, Vladimir Kostikov, Elena Mozhevitina, and Igor Avetissov

Table S1. Parameters of the crucible model with the oscillating ring-baffle inside the CdTe melt.

Crucible		
Area	Parameter	Value
The recess under the seed crystal	Inner diameter	10 mm
	Height below corner	20 mm
Conical junction 10/100 mm	Tilt angle from axis	60°
	Corner radiuses	10 mm
Main cylindrical part	Inner diameter from conical junction	100 mm
	Height of the melt from conical junction	100 mm
	Tilt angle from axis	0,5°
Ring		
Area	Parameter	Value
Ring part	Inner diameter	60 mm
	Outer diameter	80 mm
	Corner radius at the edge	0,1 mm
Fasteners	Tube diameter	up to 5 mm
	Stock diameter	up to 5 mm