

Title (en)  
EVAPORATION SOURCE WITH COOLING ASSEMBLY

Title (de)  
VERDAMPFUNGSQUELLE MIT KÜHLANORDNUNG

Title (fr)  
SOURCE D'ÉVAPORATION AVEC ENSEMBLE DE REFROIDISSEMENT

Publication  
**EP 3585921 A1 20200101 (EN)**

Application  
**EP 18705007 A 20180220**

Priority  
• EP 17157223 A 20170221  
• EP 2018054141 W 20180220

Abstract (en)  
[origin: WO2018153853A1] A modular demountable low-temperature high-output linear evaporation source (100) for depositing a semi-metal source material (75), in particular Se, on a substrate (50), the evaporation source comprising: a crucible (201) comprising: a base (203); a first plurality of walls (202) surrounding an interior region (204) of the crucible (201), the plurality of walls (202) including a first end wall (2021), a second end wall (2022) opposite to the first end wall (2021), a first side wall (2023), and a second side wall (2024) opposite to the first side wall (2023); a cooling assembly (600) comprising: a cooling plate (602) disposed below the base (203) of the crucible (201), the cooling plate (602) having a lower surface (606) including one or more grooves (608); and a first cooling tube (604) disposed in the one or more grooves (608) of the lower surface (606).

IPC 8 full level  
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Citation (search report)  
See references of WO 2018153853A1

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DOCDB simple family (publication)  
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