

Title (en)

CONTAINMENT OF MOLTEN MATERIALS HAVING SILICON

Title (de)

EINSCHLUSS VON GESCHMOLZENEM MATERIALIEN MIT SILICIUM

Title (fr)

CONFINEMENT DE MATIÈRES FONDUES AYANT DU SILICIUM

Publication

EP 2852555 A2 20150401 (EN)

Application

EP 13726644 A 20130520

Priority

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Abstract (en)

[origin: WO2013177019A2] Silicon eutectic alloy compositions and methods for making the same are disclosed. In one approach, a method may include using a glass carbon container to restrict contamination of the eutectic alloy melt. In an alternative approach, a method may include using a container having aluminum. The aluminum in the container may provide aluminum that is incorporated into the silicon eutectic alloy. Silicon eutectic bodies made by such methods are also disclosed.

IPC 8 full level

C01B 33/06 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013177019A2

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