

Title (en)

Method for packaging of polycrystalline silicon

Title (de)

Verfahren zum Verpacken von polykristallinem Silicium

Title (fr)

Méthode pour emballer du silicium polycristallin

Publication

EP 2730510 B1 20170830 (DE)

Application

EP 13190464 A 20131028

Priority

DE 102012220422 A 20121109

Abstract (en)

[origin: EP2730510A1] The method involves supplying polycrystalline silicon in a metering system. The polycrystalline silicon transferred from the metering system is separated into fine fractions by sieving, and filling into a synthetic bag arranged under the metering system. The weight of synthetic bag filled with the polycrystalline silicon is determined. The filling operation is terminated after reaching a target weight of synthetic bag. The height of the polycrystalline silicon filled in synthetic bag is set to less than 450 mm by a clamping device during entire filling operation. An independent claim is included for a clamping device for packing polycrystalline silicon in synthetic bag.

IPC 8 full level

B65B 25/00 (2006.01); **B65B 1/06** (2006.01); **B65B 1/32** (2006.01); **B65B 5/10** (2006.01)

CPC (source: EP KR US)

B65B 1/04 (2013.01 - KR); **B65B 1/06** (2013.01 - EP US); **B65B 1/30** (2013.01 - US); **B65B 1/32** (2013.01 - EP KR US); **B65B 5/101** (2013.01 - EP US); **B65B 25/00** (2013.01 - KR); **B65B 43/59** (2013.01 - EP US); **B65B 29/00** (2013.01 - EP US)

Cited by

WO2022199813A1; WO2022042815A1; US11904361B2; TWI813202B

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2730510 A1 20140514; **EP 2730510 B1 20170830**; CA 2831677 A1 20140509; CA 2831677 C 20151020; CN 103803103 A 20140521; CN 103803103 B 20170412; DE 102012220422 A1 20140515; JP 2014094882 A 20140522; JP 5784683 B2 20150924; KR 101578580 B1 20151217; KR 20140060228 A 20140519; NO 2922844 T3 20180609; TW 201418111 A 20140516; TW I565623 B 20170111; US 2014130455 A1 20140515; US 9550587 B2 20170124

DOCDB simple family (application)

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