

Title (en)

PROCESS FOR THE MECHANICAL CLASSIFYING OF POLYSILICON

Title (de)

VERFAHREN ZUM MECHANISCHEN KLASIEREN VON POLYSILICIUM

Title (fr)

PROCÉDÉ POUR LE CALIBRAGE MÉCANIQUE DU POLYSILICIUM

Publication

**EP 3310499 B1 20201125 (DE)**

Application

**EP 16711200 A 20160315**

Priority

- DE 102015211351 A 20150619
- EP 2016055538 W 20160315

Abstract (en)

[origin: WO2016202473A1] The object of the invention is a screen plate (1) for screen installations for mechanically classifying polysilicon, comprising a feeding zone (2) for polysilicon, a profiled region (3) with tips (32) and depressions (31), a region (4) with slots (41), the slots (41) adjoining the depressions (31), and a removal region (5), wherein the slots (41) increase in the direction of the removal region.

IPC 8 full level

**B07B 13/07** (2006.01); **B07B 1/12** (2006.01); **B07B 1/46** (2006.01); **B07B 13/04** (2006.01)

CPC (source: CN EP KR US)

**B07B 1/12** (2013.01 - CN EP KR US); **B07B 13/07** (2013.01 - CN EP KR US); **B07B 1/28** (2013.01 - US); **B07B 1/46** (2013.01 - US)

Citation (examination)

DE 60310627 T2 20071011 - HEMLOCK SEMICONDUCTOR CORP [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102015211351 A1 20161222**; CN 107771105 A 20180306; CN 107771105 B 20211231; EP 3310499 A1 20180425; EP 3310499 B1 20201125; JP 2018524163 A 20180830; JP 6851994 B2 20210331; KR 20180030524 A 20180323; MY 189236 A 20220131; SG 10201911360R A 20200227; SG 11201710116Q A 20180130; TW 201700186 A 20170101; TW I600473 B 20171001; US 11059072 B2 20210713; US 2018185882 A1 20180705; WO 2016202473 A1 20161222

DOCDB simple family (application)

**DE 102015211351 A 20150619**; CN 201680035849 A 20160315; EP 16711200 A 20160315; EP 2016055538 W 20160315; JP 2017565733 A 20160315; KR 20187001109 A 20160315; MY PI2017001665 A 20160315; SG 10201911360R A 20160315; SG 11201710116Q A 20160315; TW 105118169 A 20160608; US 201615737728 A 20160315