

Title (en)  
SEPARATING DEVICE FOR POLYCRYSTALLINE SILICON

Title (de)  
ABSCHEIDEVORRICHTUNG FÜR POLYSILICIUM

Title (fr)  
DISPOSITIF DE SÉPARATION POUR DU POLYSILICIUM

Publication  
**EP 3554723 A1 20191023 (DE)**

Application  
**EP 17746082 A 20170728**

Priority  
• DE 102016225248 A 20161216  
• EP 2017069199 W 20170728

Abstract (en)  
[origin: WO2018108334A1] The invention relates to a separating device for polycrystalline silicon having at least one screen plate (1), comprising a feed region (2) for polycrystalline silicon, a profiled region (3) with tips (32) and wells (31), a region (4) which adjoins the profiled region (3) and has screen openings (41), and a removal region (5), the screen openings (41) expanding in the direction of said removal region (5), as well as a separating plate (7) which is arranged beneath the screen openings and can be displaced horizontally and vertically.

IPC 8 full level  
**B07B 1/46** (2006.01); **B07B 4/08** (2006.01); **B07B 13/04** (2006.01); **B07B 13/07** (2006.01); **B07B 13/16** (2006.01)

CPC (source: EP KR US)  
**B07B 1/4654** (2013.01 - EP KR US); **B07B 4/08** (2013.01 - EP KR US); **B07B 13/04** (2013.01 - EP); **B07B 13/07** (2013.01 - EP KR US); **B07B 13/16** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2018108334A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018108334 A1 20180621**; CN 110072638 A 20190730; CN 110072638 B 20220826; DE 102016225248 A1 20180621; EP 3554723 A1 20191023; EP 3554723 B1 20221130; FI 3554723 T3 20230321; JP 2020513313 A 20200514; JP 7005627 B2 20220121; KR 102330224 B1 20211122; KR 20190097152 A 20190820; TW 201838726 A 20181101; TW I660793 B 20190601; US 11154908 B2 20211026; US 2020086348 A1 20200319

DOCDB simple family (application)  
**EP 2017069199 W 20170728**; CN 201780077025 A 20170728; DE 102016225248 A 20161216; EP 17746082 A 20170728; FI 17746082 T 20170728; JP 2019531776 A 20170728; KR 20197020447 A 20170728; TW 106143595 A 20171212; US 201716470006 A 20170728