

Title (en)
SCREENING DEVICE

Title (de)
SIEBVORRICHTUNG

Title (fr)
DISPOSITIF DE TAMISAGE

Publication
EP 3746231 B1 20210721 (DE)

Application
EP 20719123 A 20200330

Priority
• EP 19166047 A 20190329
• EP 2020058979 W 20200330

Abstract (en)
[origin: CA3135316A1] The invention relates to a screening device having a first oscillating body (S1) comprising first cross members (2) and a second oscillating body (S2) comprising second cross members (3), wherein first cross members (2) and second cross members (3) are arranged alternately and preferably transversely to a screening surface (4) and each have clamping devices by means of which screen linings (4a) which form the screening surface (4) are each clamped or can be clamped between a first cross member (2) and a second cross member (3), and first (S1) and second (S2) oscillating bodies can be set in oscillation relative to one another in order to alternately compress and expand the screen linings (4a), wherein the first oscillating body (S1) comprises a first pair of push rods (7a, 7b) on which the first cross members (2) are arranged and the second oscillating body (S2) comprises a second pair of push rods (8a, 8b) on which the second cross members (3) are arranged and a stationary support structure (1) which accommodates the two oscillating bodies (S1, S2) is provided, wherein first and second oscillating bodies (S1, S2) can be set in oscillation relative to the stationary support structure (1).

IPC 8 full level
B07B 1/48 (2006.01)

CPC (source: CN EP KR US)
B07B 1/28 (2013.01 - CN); **B07B 1/42** (2013.01 - CN); **B07B 1/4663** (2013.01 - CN); **B07B 1/485** (2013.01 - EP KR US);
B07B 2201/04 (2013.01 - CN)

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)
EP 3714996 A1 20200930; AU 2020252144 A1 20211028; AU 2020252144 B2 20220623; BR 112021017234 A2 20211109;
BR 112021017234 B1 20230307; CA 3135316 A1 20201008; CA 3135316 C 20230711; CN 113795338 A 20211214; CN 113795338 B 20230407;
DK 3746231 T3 20211011; EP 3746231 A1 20201209; EP 3746231 B1 20210721; ES 2893790 T3 20220210; HU E056001 T2 20220128;
JP 2022518962 A 20220317; JP 7119240 B2 20220816; KR 20210145146 A 20211201; SI 3746231 T1 20211130; US 11850632 B2 20231226;
US 2022168779 A1 20220602; WO 2020201220 A1 20201008; ZA 202106287 B 20220831

DOCDB simple family (application)
EP 19166047 A 20190329; AU 2020252144 A 20200330; BR 112021017234 A 20200330; CA 3135316 A 20200330;
CN 202080025540 A 20200330; DK 20719123 T 20200330; EP 2020058979 W 20200330; EP 20719123 A 20200330;
ES 20719123 T 20200330; HU E20719123 A 20200330; JP 2021551923 A 20200330; KR 20217030367 A 20200330; SI 202030010 T 20200330;
US 202017599289 A 20200330; ZA 202106287 A 20210830