

Title (en)  
FLIP-FLOP SCREENING MACHINE

Title (de)  
SPANNWELL-SIEBMASCHINE

Title (fr)  
MACHINE DE CRIBLAGE À EFFET TRAMPOLINE

Publication  
**EP 3965959 A1 20220316 (DE)**

Application  
**EP 20724763 A 20200430**

Priority  
• DE 102019003163 A 20190506  
• EP 2020062023 W 20200430

Abstract (en)  
[origin: WO202225091A1] The invention relates to a flip-flop screen machine (1), comprising cross-members (4a, 4b), which bear the screen linings and are arranged perpendicularly to the screening-material conveying direction (F) between screening-machine side walls (2, 3), at least every second cross-member (4a) carrying out oscillations and/or vibrations as a driven cross-member, with motions perpendicular to the cross-member longitudinal axis, in order to alternatively compress and extend the screen linings, wherein each driven cross-member (4a) has, over a large part of its length or over its entire length, a separate oscillatory and/or vibratory drive between the machine side walls.

IPC 8 full level  
**B07B 1/48** (2006.01); **B07B 1/42** (2006.01)

CPC (source: EP US)  
**B07B 1/42** (2013.01 - EP US); **B07B 1/485** (2013.01 - EP US)

Citation (search report)  
See references of WO 2020225091A1

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 2020225091 A1 20201112**; CN 112638550 A 20210409; CN 112638550 B 20230905; DE 102019003163 A1 20201112;  
EP 3965959 A1 20220316; JP 2022532000 A 20220713; JP 7394111 B2 20231207; US 11453033 B2 20220927; US 2022048074 A1 20220217

DOCDB simple family (application)  
**EP 2020062023 W 20200430**; CN 202080004774 A 20200430; DE 102019003163 A 20190506; EP 20724763 A 20200430;  
JP 2021504170 A 20200430; US 202017272355 A 20200430