Title (en)
    SIEVE CLEANERS, SIEVE UNIT, AND METHODS

Title (de)
    SIEBREINIGER, SIEBEINHEIT UND VERFAHREN

Title (fr)
    NETTOYEUR DE TAMIS, UNITÉ TAMIS ET PROCÉDÉ

Publication
    EP 3209434 A1 20170830 (DE)

Application
    EP 15784673 A 20151022

Priority
    • EP 14190278 A 20141024
    • EP 2015074535 W 20151022

Abstract (en)
    [origin: WO2016062826A1] The invention relates to sieve cleaners (1) for cleaning a sieve surface (2) of a sieve box (3), which sieve box contains the sieve surface (2) and a sieve bottom (4). The sieve cleaners (1) contain a wobble foot (5), which extends along a main axis (A) of the sieve cleaner (1) and is designed in such a way that the wobble foot can be placed onto the sieve bottom (4) and that the sieve cleaner (1) can be tipped around the wobble foot (5); at least one cleaning element (6) having a cleaning region (7), wherein the or each cleaning region (7) has a plurality of cleaning surfaces (8) for cleaning the sieve surface (2). The cleaning surfaces (8) are each designed for at least linear contact with the sieve surface (2) and are separated from each other by slots (9) formed in the cleaning region (7). The invention further relates to sieve units and to methods for upgrading or converting a sieve box (3).

IPC 8 full level
    B07B 1/54 (2006.01)

CPC (source: CN EP KR RU US)
    B07B 1/522 (2013.01 - RU US); **B07B 1/54** (2013.01 - CN EP KR RU US)

Citation (search report)
    See references of WO 2016062826A1

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 2016062826 A1 20160428; BR 112017007915 A2 20180123; BR 112017007915 B1 20210629; CN 106999986 A 20170801; CN 106999986 B 20190924; EP 3209434 A1 20170830; EP 3209434 B1 20211215; ES 2906574 T3 20220419; JP 2017535414 A 20171130; JP 6622304 B2 20191218; KR 102003139 B1 20190723; KR 20170076740 A 20170704; PL 3209434 T3 20220419; RU 2017117650 A 20181126; RU 2017117650 A3 20181126; RU 2687727 C2 20190515; US 10335831 B2 20190702; US 2017333950 A1 20171123

DOCDB simple family (application)
    EP 2015074535 W 20151022; BR 112017007915 A 20151022; CN 201580068119 A 20151022; EP 15784673 A 20151022; ES 15784673 T 20151022; JP 2017522340 A 20151022; KR 20177013969 A 20151022; PL 15784673 T 20151022; RU 2017117650 A 20151022; US 201515521056 A 20151022