

Title (en)

Star or disk screen arrangement comprising a plurality of screening shafts

Title (de)

Stern- oder Scheibensiebanordnung, umfassend mehrere Siebscheibenwellen

Title (fr)

Agencement de tamis à étoiles ou disques comportant plusieurs arbres de tamisage

Publication

**EP 1093861 B1 20030806 (DE)**

Application

**EP 00121605 A 20001002**

Priority

- DE 19950548 A 19991020
- DE 19952005 A 19991028

Abstract (en)

[origin: EP1093861A1] The arrangement has several driven sieve shafts (1) with tools (2) and/or end plates (3). Spacer elements (4) between the tools and/or the end plates have a double truncated cone-shape or a mainly parabolic rotary surface. Opposite surfaces are symmetrical relative to the spacer sleeve length, or the shaft sections between the plates have the above shapes and form such spacer elements. Spacer elements with tool plates are positioned on the shafts so that the plates of neighboring shafts project into the area of smallest diameter of opposite spacer elements.

IPC 1-7

**B07B 1/15**

IPC 8 full level

**B07B 1/15** (2006.01)

CPC (source: EP)

**B07B 1/15** (2013.01)

Cited by

CN109292458A; EP2278078A3; EP3986624A4; US11896999B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 1093861 A1 20010425; EP 1093861 B1 20030806**; AT E246548 T1 20030815; ES 2204426 T3 20040501

DOCDB simple family (application)

**EP 00121605 A 20001002**; AT 00121605 T 20001002; ES 00121605 T 20001002