

Title (en)  
THREE-SHAFT SIEVE

Title (de)  
DREIWELLIGES SIEB

Title (fr)  
CRIBLE A TROIS AXES

Publication  
**EP 2605866 B1 20140702 (FR)**

Application  
**EP 11755371 A 20110804**

Priority  
• FR 1003391 A 20100818  
• FR 2011000458 W 20110804

Abstract (en)  
[origin: WO2012022859A1] The invention relates to a system for generating vibrations for a sieve, including: two synchronously rotating and parallel eccentric shafts (10a, 10b); two motors (20a, 20b) arranged to separately and mechanically drive the two eccentric shafts, respectively; a first continuously variable transmission (CFW) arranged to control a first (20a) of the motors, said continuously variable transmission being configured in a master mode in which the same communicates the angular position of the first motor over an external link (COMM); a second continuously variable transmission (CFW) arranged to control the second motor (20b), connected to said external link (COMM) and configured in a slave mode in which the same controls the angular position of the second motor according to the angular position conveyed over the external link; and direct-current power supply lines (DC-Bus) that are common to the continuously variable transmissions.

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CPC (source: EP)  
**B07B 1/284** (2013.01); **B07B 1/42** (2013.01)

Cited by  
CN107442410A

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DOCDB simple family (publication)  
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