Title (en)

SCREENING SYSTEM WITH VIBRATION-NODE-ARRANGED VIBRATION SYSTEMS

Title (de)

SIEBSYSTEM MIT SCHWINGUNGSKNOTENANGEORDNETEN SCHWINGUNGSSYSTEMEN

Title (fr)

SYSTÈME DE TAMISAGE COMPRENANT DES SYSTÈMES DE VIBRATION DISPOSÉS AUX NOEUDS DE VIBRATION

Publication

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Application

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Abstract (en)

[origin: WO2019072741A1] The invention relates to a screening system (1) for screening material to be screened, in particular for screening mineral stone, the system comprising: a screen box (2) which comprises two outer side walls (31, 32), wherein at least two vibration systems (4) are arranged on each of the two side walls (31, 32) for exciting vibration and the two side walls (31, 32) each have at least two vibration nodes (S) in accordance with a bending mode; at least two crossmembers (5), which connect the two side walls (31, 32) to one another; and at least one screen deck (6), which is supported on the at least two crossmembers (5), the two vibration systems (4) on each of the side walls (31, 32) being arranged in such a way that each vibration system (4) is arranged in the region of a vibration node (S) of the side wall (31, 32) in question. The invention also relates to a method for screening material to be screened, in particular for screening mineral stone, by means of a screening system of the aforementioned type.

IPC 8 full level

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