Title (en)

DEVICE AND METHOD FOR SETTING AND CONTROLLING AT LEAST ONE OSCILLATION MODE BY MEANS OF THE PLURALITY OF UNBALANCE EXCITER UNITS ON A SCREENING DEVICE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM EINSTELLEN UND REGELN WENIGSTENS EINER SCHWINGUNGSMODE MITTELS DER VIELZAHL VON UNWUCHTERREGEREINHEITEN AN EINER SIEBVORRICHTUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT D'AJUSTER ET DE RÉGLER AU MOINS UN MODE DE VIBRATION AU MOYEN D'UNE PLURALITÉ D'UNITÉS D'EXCITATEURS SUR UN DISPOSITIF DE CRIBLAGE

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Application

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Abstract (en)

[origin: WO2020200943A1] The invention relates to a method and device for setting and controlling at least one oscillation mode of a screening device (1), wherein the respective oscillation mode is controlled by means of a plurality of unbalance exciter units (41); wherein each of the unbalance exciter units is actuated and controlled individually in relation to several parameters, more particularly at least in relation to the exciter force and exciter direction parameters, the unbalance exciter units being actuated and controlled in an arrangement in several clusters (40) of in each case at least two unbalance exciter units to apply a cluster oscillation to the screening device (1) in a respective coupling point (P) per cluster, at least two of the clusters (40) being actuated and controlled dependent on one another in relation to the generated oscillation, more particularly at least four clusters (40). Not least this provides a broad range of predefinable operating states.

IPC 8 full level

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