

Title (en)
VIBRATION ELEMENT WITH DECOUPLED COMPONENT

Title (de)
SCHWINGUNGSELEMENT MIT ENTKOPPELTEM BAUTEIL

Title (fr)
ÉLÉMENT VIBRANT MUNI D'UN COMPOSANT DÉCOUPLÉ

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Application
EP 15747814 A 20150807

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Abstract (en)
[origin: WO2016023823A1] The present invention relates to a vibration element, such as a sonotrode, having a component attached thereto. In order to provide a vibration element having a component attached thereto, which is simple to produce, has a long service life and also prevents the component separating from the sonotrode, it is proposed according to the invention that the vibration element has a bore and the component has an attachment section inserted into the bore, wherein there is arranged between the attachment section and the bore an elastic element which is either elastically deformed, preferably parallel to the bore axis, or is arranged at least partially within a recess introduced into the internal surface of the bore such that the component can be removed from the bore only by elastically deforming the elastic element.

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