

Title (en)
APPARATUS FOR GENERATING VIBRATIONS

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Application
EP 87890045 A 19870310

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AT 83386 A 19860327

Abstract (en)
[origin: EP0239561A2] The invention relates to a device for generating vibrations, in particular for rammers, such as for example road rollers, having unbalanced masses (6, 7, 15) which can be moved with respect to one another and fixed in their relative position on at least one rotatably mounted and drivable shaft (1). A first group of two unbalanced masses (6, 7) which can be rotated with respect to one another through 180 DEG into end positions and a second group of unbalanced masses (15) which can be rotated with respect to the first group into end positions are provided, all the unbalanced masses being rotatably mounted about a common axis. The unbalanced masses (6, 7) of the first group can be manually adjusted in relation to one another. The unbalanced masses (15) of the second group are adjusted by the direction of rotation being reversed. The unbalanced masses (15) of the second group are mounted so as to be freely rotatable on the shaft (1). These unbalanced masses (15) of the second group have stop surfaces (17 and 18) which cooperate with a stop bearer (19) arranged fixedly on the rotating shaft (1). By reversing the direction of rotation, the unbalanced masses (15) of the second group are rotated relative to the unbalanced masses (6, 7) of the first group. In this way, it is possible to achieve an adjustment of the vibrator in four stages. <IMAGE>

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B06B 1/162 (2013.01); **E01C 19/286** (2013.01)

Citation (search report)
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