

Title (en)  
VIBRATING RIPPER

Title (de)  
VIBRIERENDER AUFREISSER

Title (fr)  
OUTIL À DÉFONCER VIBRANT

Publication  
**EP 2754754 A1 20140716 (EN)**

Application  
**EP 12830291 A 20120419**

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Abstract (en)  
The present invention relates to a vibration ripper including a main body having a vibration space part and also having a coupling part provided at an outer side thereof to be coupled with a boom or an arm of the heavy equipment, a vibration unit disposed in the vibration space part of the main body to have a vibrator, a plurality of vibration proof units installed at an outer surface of the vibration unit and the main body corresponding to the outer surface of the vibration unit and configured to vibratably support the vibration unit with respect to the main body, a clamp unit installed at the vibration unit and configured to allow an attachment to be coupled, and a vibration restriction part configured to connect the vibration unit and the main body and to restrict an amplitude of the vibration unit. The vibration ripper according to the present invention may reduce transmitting of the vibration generated from the vibration unit, to which the attachment is coupled, to the main body, and also may prevent the vibration unit supported to the main body through the vibration proof unit from being shaken left and right, and thus prevent a damage of the equipment when a bending moment and a rotational moment is applied to the attachment installed to the vibration unit.

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