

Title (en)  
Flame-retardant ceramic impact absorber

Title (de)  
Feuerfester keramischer Pralltopf

Title (fr)  
Pot antichoc en céramique ignifuge

Publication  
**EP 2418032 B2 20160406 (DE)**

Application  
**EP 10007442 A 20100719**

Priority  
EP 10007442 A 20100719

Abstract (en)  
[origin: EP2418032A1] The fireproof ceramic impact absorber comprises a bottom (10) with a lower base surface (10g) and an upper flat surface (10p), a wall (20) existing of four sections, where the wall extends from the bottom to a free end (20k), and a portion of the wall having an opening, which proceeds from an inner side of the wall to an outer side of the wall and is limited to lie about edges. Spacing is defined by the wall with its inner surface and the upper flat surface and is open at the bottom to the opposite upper end. The opening has a greatest width adjacent to the free end. The fireproof ceramic impact absorber comprises a bottom (10) with a lower base surface (10g) and an upper flat surface (10p), a wall (20) existing of four sections, where the wall extends from the bottom to a free end (20k), and a portion of the wall having an opening, which proceeds from an inner side of the wall to an outer side of the wall and is limited to lie about edges. Spacing is defined by the wall with its inner surface and the upper flat surface and is open at the bottom to the opposite upper end. The opening: has a greatest width adjacent to the free end in the circumferential direction of the wall, and a smallest width adjacent to the bottom in the circumferential direction of the wall; extends from the upper free end of the wall vertically downwards towards the floor in the longitudinal direction; comprises curved edges in the area between the largest width and the smallest width in relation to a center axis of the opening; ends in the spacing at the bottom; and is formed mirror-symmetrical to a plane, which perpendicularly protrudes from the inner side of the wall. The opening extends about 20-90% of the height of the wall, and proceeds from the free end of the wall to the bottom and proceeds between the inner surface of the wall and the corresponding outer side of the wall with greater distance at the corresponding edges of the opening. The greatest width of the opening is greater than 5% of the total volume of the wall. The inner side of the wall proceeds between the upper surface and the opening of the bottom with a slope of 90 degrees in a horizontal direction. The corresponding edges of the opening are curved in a direction between the inner side of the wall and the corresponding outer side of the wall for the surroundings. The adjacent sections of the wall sections are arranged at right angles to each other.

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CPC (source: EP US)  
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Citation (opposition)  
Opponent :  
CN 2873361 Y 20070228 - WANG YOUZHI [CN]

Cited by  
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