

Abstract

Method for Damping Impulses on Guide Rollers

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The invention relates to a method for damping an impulse at a guide roller, as well as a damping pad according to the invention. In the method, a guide roller, which rotates about a perpendicular axis on a rail, engages with a damping pad made of elastic material and arranged tangentially to the circumference of the guide roller upon the occurrence of a radially acting impulse. To improve the damping of the impulses acting on the guide roller, the engagement surface of the damping pad facing the guide roller is provided with recesses, and deformation of the damping pad upon the occurrence of an impulse first takes place into a recess.

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Fig. 1