

Title (en)
Rail brake element

Title (de)
Gleisbremselement

Title (fr)
Élément de frein de voie

Publication
EP 1262389 B1 20040804 (DE)

Application
EP 02011860 A 20020528

Priority
DE 20109139 U 20010601

Abstract (en)
[origin: US2002185345A1] A rail brake element, in particular in connection with rail brake buffer blocks, comprising a pair of clamping plates C-shaped in cross section and having upper and lower leg portions, the clamping plates engaging a rail head on opposite sides, at least one braking block element having a flat lower surface which engages the top surface of the rail head and two upper roof-like tapered surfaces, the upper leg portions of the clamping plates engaging the associated tapered surfaces, the lower leg portions having at the side facing the rail head a brake lining in engagement with the lower surfaces of the rail head, and at least one clamping bolt by which the clamping plates can be pressed towards each other, whereby the block element and the brake linings are pressed against the rail head, characterized in that the tapered surfaces of the block element have an angle relative to a horizontal plane of at least 20° and the block element and the clamping plates are dimensioned such that the end of the upper leg portions of the clamping plates have a significant distance from the upper edge of the associated tapered surface if the rail head is not worn.

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B61K 7/04; **B61K 7/18**

IPC 8 full level
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