

Title (en)  
DAMPING ELEMENT

Title (de)  
DÄMPFUNGELEMENT

Title (fr)  
ÉLÉMENT D'AMORTISSEMENT

Publication  
**EP 2238295 A1 20101013 (DE)**

Application  
**EP 09705270 A 20090130**

Priority

- AT 2009000036 W 20090130
- AT 1552008 A 20080201

Abstract (en)  
[origin: WO2009094686A1] The invention relates to a damping element (1) for track construction, particularly a rail intermediate layer or a bed plate, comprising a base body having at least two edge parts (9, 10) and a center part (7), wherein the base body comprises a hard component (6) and a soft component (8) having elastic properties, the soft component having lower hardness than the hard component (6), and wherein the soft component (8) in the configuration of the damping element (1) as a rail intermediate layer forms a contact surface for a rail base of a rail (2). The center part (7) is made of the hard component (6) at least in some regions, and the two edge parts (9, 10) are made of the soft component (8) at least in some regions.

IPC 8 full level  
**E01B 9/68** (2006.01)

CPC (source: EP)  
**E01B 9/68** (2013.01)

Citation (search report)  
See references of WO 2009094686A1

Citation (examination)

- US 2867384 A 19590106 - TOULMIN JR HARRY A
- DE 202005008535 U1 20050901 - HAGANS FRIEDRICH [DE], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**WO 2009094686 A1 20090806**; AT 506434 A1 20090915; AT 506434 B1 20101015; EP 2238295 A1 20101013

DOCDB simple family (application)  
**AT 2009000036 W 20090130**; AT 1552008 A 20080201; EP 09705270 A 20090130