

Title (en)
Impact damper on roadways

Title (de)
Anpralldämpfer an Verkehrswegen

Title (fr)
Amortisseur de choc sur voies de circulation

Publication
EP 2148009 B1 20160330 (DE)

Application
EP 09165767 A 20090717

Priority
DE 102008034980 A 20080725

Abstract (en)
[origin: EP2148009A2] The damper has a middle region lying between a head region and an end region, where energy degradation capacity in the end region is smaller than in the middle region. An energy degradation capacity in the middle region is constant. Deformable energy converting cells are arranged in series and include partially different energy degradation capacities below each other. One of the cells is designed as a tubular cylinder, and is filled with an energy degradation material at different filling heights. The cells are provided with reinforced structure elements.

IPC 8 full level
E01F 15/14 (2006.01)

CPC (source: EP)
E01F 15/146 (2013.01)

Cited by
CN113699939A; CN114687309A; ITMI20100733A1; EP2383391A3; WO2022062876A1

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 SM TR

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