

Title (en)
Front impact damper

Title (de)
Frontaler Pralldämpfer

Title (fr)
Amortisseur de choc frontal

Publication
EP 1387008 A2 20040204 (EN)

Application
EP 03017411 A 20030801

Priority
IT TO20020694 A 20020802

Abstract (en)
A front impact damper (1) having a vertical supporting member (2) secured firmly to the ground, and a number of deformable tubular members (3) fitted vertically inside one another and fixed to the vertical supporting member (2) at a given height off the ground; the deformable tubular members (3) each being defined by a portion of W- or triple-groove-section corrugated sheet metal (4, 7) bent appropriately to form a cylindrical tubular body with a corrugated lateral wall. <IMAGE>

IPC 1-7
E01F 15/14

IPC 8 full level
E01F 15/04 (2006.01); **E01F 15/14** (2006.01)

CPC (source: EP US)
E01F 15/0438 (2013.01 - EP US); **E01F 15/146** (2013.01 - EP US)

Cited by
KR20060111976A

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DOCDB simple family (publication)
EP 1387008 A2 20040204; **EP 1387008 A3 20040609**; IT TO20020694 A0 20020802; IT TO20020694 A1 20040203;
US 2004114996 A1 20040617

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