

Title (en)  
Impact attenuation device

Title (de)  
Anpralldämpfer

Title (fr)  
Dispositif atténuateur de choc

Publication  
**EP 1026327 B1 20030709 (DE)**

Application  
**EP 99102378 A 19990208**

Priority  
EP 99102378 A 19990208

Abstract (en)  
[origin: EP1026327A1] Collision impact is cushioned by a honeycomb structure (11) formed by joining angled steel sheets (7,7a) along their length edges so that the honeycomb cavities (8) extend in the vertical direction. The honeycomb is attached to the end or edge of a crash barrier (2) and mounted on a base panel (16). A tensile band (30) extends in the central length plane (MLE) of the honeycomb at roughly half the honeycomb height, and this band is joined at both ends (39) and at regular intervals along its length to the base panel via vertical cables, and to honeycomb edge sections via pairs of V-shaped horizontal cables (47). Angled cables (48) on the outside of the device link these honeycomb edge sections to the base panel.

IPC 1-7  
**E01F 15/14**

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

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

Cited by  
DE102014101444A1; CN103669262A; IT201800009911A1; EP3739125A1; WO2020216416A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1026327 A1 20000809; EP 1026327 B1 20030709**; AT E244795 T1 20030715; DE 59906256 D1 20030814

DOCDB simple family (application)  
**EP 99102378 A 19990208**; AT 99102378 T 19990208; DE 59906256 T 19990208