

Title (en)
CUSHIONED COUPLING HINGE

Title (de)
GEPOLSTERTES KUPPLUNGSGELENK

Title (fr)
CHARNIÈRE D'ACCOUPLEMENT AMORTIE

Publication
EP 3017131 B1 20190417 (EN)

Application
EP 14758651 A 20140620

Priority
• IT BS20130093 A 20130704
• IB 2014062479 W 20140620

Abstract (en)
[origin: WO2015001445A1] A cushioned coupling hinge (1) comprises a first element (20) and a second element (30) rotatable with each other and an, elastic element (50), placed between the first element (20) and the second element (30). The first element (20) comprises a body (21) provided with a chamber (23) suitable to house within it the elastic element (50) and, at least partially, the second element (30). The body (21) comprises a tooth (24) protruding towards the inside of the chamber (23). The second element (30) comprises a body (31) suitable for inserting in the chamber (23) comprising a tab (34), projecting outwards, and suitable for engaging with the tooth (24). The elastic element (50) is housed in the chamber (23) between the tooth (24) and the tab (34), and is suitable to oppose resistance by compression between the tooth (24) and the tab (34), so as to slow down the rotation of the first element (20) in relation to the second.

IPC 8 full level
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CPC (source: EP)
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Citation (examination)
• US 2003126717 A1 20030710 - IWASHITA HIROYUKI [JP]
• US 4639147 A 19870127 - SCHWARZ EDWARD L [US]

Cited by
EP3763261A1; IT201900011661A1; EP3763261B1

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