

Title (en)
FREQUENCY DECOUPLING DEVICE AND HYDRO-ELASTIC ARTICULATION INCLUDING A LIQUID CHAMBER HAVING A REDUCED THICKNESS

Title (de)
FREQUENZENTKOPPLUNGSVORRICHTUNG UND EINE FLÜSSIGKEITSKAMMER MIT EINER REDUZIERTEN DICKE ENTHALTENDES HYDRO-ELASTISCHES GELENK

Title (fr)
DISPOSITIF DE DECOUPLAGE FREQUENTIEL ET ARTICULATION HYDRO ELASTIQUE COMPRENANT UNE CHAMBRE DE LIQUIDE DE FAIBLE EPAISSEUR

Publication
EP 2102020 A1 20090923 (FR)

Application
EP 07856991 A 20071220

Priority
• EP 2007011268 W 20071220
• FR 0611230 A 20061220

Abstract (en)
[origin: WO2008074507A1] The invention relates to a frequency decoupling device of a first part relative to a second part, said device including an outer rigid frame (1) to be connected with the first part and an inner rigid frame (2) provided inside said outer frame and to be connected with the second part, an elastically deformable member (3, 4, 10) being provided between said frames so as to define at least one liquid-containing annular chamber (5) between said frames, said device being characterised in that said chamber has an inner perimeter = P_{int} , an average height = H = on said perimeter and an average thickness = E = on said perimeter, wherein the average thickness E corresponds to the following condition (I), the inner perimeter = P_{int} , the average height = H = and the average thickness = E = being in millimetres.

IPC 8 full level
B60G 7/02 (2006.01); **F16F 13/14** (2006.01)

CPC (source: EP US)
F16F 1/393 (2013.01 - EP US); **F16F 13/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2008074507A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2910577 A1 20080627; EP 2102020 A1 20090923; JP 2010513810 A 20100430; US 2010127441 A1 20100527; WO 2008074507 A1 20080626

DOCDB simple family (application)
FR 0611230 A 20061220; EP 07856991 A 20071220; EP 2007011268 W 20071220; JP 2009541890 A 20071220; US 52084707 A 20071220