

Title (en)  
ELECTROLYTIC CAPACITOR MODULE WITH HIGH RESISTANCE TO VIBRATION

Title (de)  
ELEKTROLYTKONDENSATOR-MODUL MIT HOHER VIBRATIONSFESTIGKEIT

Title (fr)  
MODULE CONDENSATEUR ÉLECTROLYTIQUE À RÉSISTANCE ÉLEVÉE AUX VIBRATIONS

Publication  
**EP 2917924 A1 20150916 (DE)**

Application  
**EP 13826555 A 20131104**

Priority  
• DE 102012110684 A 20121108  
• DE 2013200271 W 20131104

Abstract (en)  
[origin: WO2014071942A1] The invention relates to an electrolytic capacitor module (1) for installation in a housing (2) of a motor vehicle control device, a method for producing an LC module (1) and a corresponding motor vehicle control device having an electrolytic capacitor module (1). The electrolytic capacitor module (1) comprises a cylindrical electrolytic capacitor (4) that has a capacitor container (5) and a cover (7, 8) provided at each end of said capacitor container (5), said covers securing a capacitor winding (9) on the inside of the capacitor container (5). The electrolytic capacitor module also comprises a support plate (3) that has a chamber (6) for accommodating the electrolytic capacitor (4). The capacitor container (5) has at least one opening (10) and, on the inside of the electrolytic capacitor (4), the interstice between the inner wall of the capacitor container (5) and the capacitor winding (9) is at least partially filled with casting compound (12). Furthermore, the electrolytic capacitor (4) is at least partially surrounded by the same casting compound (12) on the outside thereof in the region of the chamber (6).

IPC 8 full level  
**H01G 9/06** (2006.01); **H01G 9/08** (2006.01); **H01G 9/15** (2006.01)

CPC (source: EP US)  
**H01G 9/0029** (2013.01 - US); **H01G 9/06** (2013.01 - EP US); **H01G 9/08** (2013.01 - EP US); **H01G 9/151** (2013.01 - EP US)

Citation (search report)  
See references of WO 2014071942A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**DE 102012110684 A1 20140508**; DE 112013005324 A5 20151119; EP 2917924 A1 20150916; JP 2015534284 A 20151126; JP 6045713 B2 20161214; US 2015287539 A1 20151008; US 9715969 B2 20170725; WO 2014071942 A1 20140515

DOCDB simple family (application)  
**DE 102012110684 A 20121108**; DE 112013005324 T 20131104; DE 2013200271 W 20131104; EP 13826555 A 20131104; JP 2015541013 A 20131104; US 201314441594 A 20131104