

## **EMC in Everyday Life**

**Background and problem:** EMC is nowadays an important issue:

- ▶ The radio crackles during a phone call with the mobile phone
- ▶ When the air conditioning system is running in the hospital, the resolution of the magnetic resonance tomographs are worse
- ▶ The central locking system has been blocked by radio equipment in English patrol cars
- ▶ In the case of a mobile phone call (without hands-free system), the automatic transmission switches back a gear
- ▶ when the power-saving light (from China) is switched on, the washing machine goes crazy

And it is becoming more and more important as more and more electronics are installed, because of autonomous driving, wireless parking charging, ... .

**Task:** Describe in which future applications EMC will play an increasingly important role. Explain why and how. The main objective of this work is literature analysis.

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◀ Vorherige Meldung

Nächste Meldung ▶