

Title (en)  
High voltage rotary current system

Title (de)  
Hochspannungsdrehstromsystem

Title (fr)  
Système triphasé haute tension

Publication  
**EP 2259271 B1 20130508 (DE)**

Application  
**EP 10005479 A 20100527**

Priority  
• DE 102009024149 A 20090606  
• DE 102010006352 A 20100130

Abstract (en)  
[origin: EP2259271A2] The arrangement has a metal shield (20) radially enclosing a single-conductor electrical cable and arranged above the cable. An uninterrupted tooth banding (22) made of high-permeable material encloses the metal shield. The metal shield comprises a contact unit at ends of the shield for contacting the shield. The metal shield is formed with enlarged electrical conductance value to reduce electrical leakage at the metal shield, so that shield current is induced. The shield current is same as conductor current of a cable conductor (12) during marginal case.

IPC 8 full level  
**H01B 7/30** (2006.01); **H01B 9/02** (2006.01)

CPC (source: EP)  
**H01B 7/30** (2013.01); **H01B 9/029** (2013.01)

Cited by  
CN103531296A

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DOCDB simple family (publication)  
**EP 2259271 A2 20101208; EP 2259271 A3 20120620; EP 2259271 B1 20130508**; DK 2259271 T3 20130812; ES 2421733 T3 20130905

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