

Title (en)  
CABLES MADE OF PHASE CHANGE MATERIAL

Title (de)  
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Title (fr)  
CÂBLES CONSTITUÉS D'UN MATÉRIAU À CHANGEMENT DE PHASE

Publication  
**EP 3371815 A1 20180912 (EN)**

Application  
**EP 16798588 A 20161027**

Priority  
• US 201562250206 P 20151103  
• US 2016059022 W 20161027

Abstract (en)  
[origin: WO2017079018A1] A phase change material (PCM) is useful for thermal management in various applications such as automotive, building, packaging, garments, and footwear, and in devices such as wires and cables. The cable described herein comprises a core and a PCM layer surrounding the core. The PCM layer comprises a PCM composition, which in turn comprises a 1,3 propanediol fatty acid ester. The core consists of a yarn, strand or wire made of a natural or synthetic polymeric material or a metal.

IPC 8 full level  
**C08K 5/103** (2006.01); **C11C 3/04** (2006.01); **H01B 3/34** (2006.01); **H01B 7/29** (2006.01)

CPC (source: EP US)  
**C08K 5/103** (2013.01 - US); **D06M 13/2243** (2013.01 - US); **D07B 1/16** (2013.01 - US); **H01B 3/34** (2013.01 - EP US);  
**H01B 7/292** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017079018A1

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