

Title (en)  
SELF-ORGANISING THERMOELECTRIC MATERIALS

Title (de)  
SELBSTORGANISIERENDE THERMOELEKTRISCHE MATERIALIEN

Title (fr)  
MATÉRIAUX THERMOÉLECTRIQUES AUTO-ORGANISÉS

Publication  
**EP 2411324 A2 20120201 (DE)**

Application  
**EP 10709844 A 20100323**

Priority  
• EP 2010053762 W 20100323  
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• EP 10709844 A 20100323

Abstract (en)  
[origin: WO2010108912A2] In a method for producing thermoelectric materials with a multi-phase structure, in which particles of a first phase with a characteristic maximum length of 10 µm are uniformly dispersed in a second phase, by self-organisation, an at least binary thermoelectric material is melted together with a metal that is not a component of the at least binary thermoelectric material or with a chalcogenide of said metal and is cooled after the mixing process or is bonded by reactive milling.

IPC 8 full level  
**C01B 17/20** (2006.01); **H10N 10/01** (2023.01); **H10N 10/10** (2023.01); **H10N 10/851** (2023.01); **H10N 10/852** (2023.01); **H10N 10/857** (2023.01)

CPC (source: EP KR US)  
**C01B 17/20** (2013.01 - EP KR US); **C01B 19/00** (2013.01 - KR); **C01B 19/002** (2013.01 - EP US); **C01B 19/007** (2013.01 - EP US); **H10N 10/01** (2023.02 - EP US); **H10N 10/10** (2023.02 - KR); **H10N 10/852** (2023.02 - EP KR US); **H10N 10/857** (2023.02 - EP US); **C01P 2004/80** (2013.01 - EP US); **C01P 2006/40** (2013.01 - EP US); **Y02P 20/129** (2015.11 - EP US)

Citation (examination)  
WO 2007104601 A2 20070920 - BASF AG [DE], et al

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
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