

Title (en)  
FILTER ELEMENT

Title (de)  
FILTERELEMENT

Title (fr)  
ÉLÉMENT FILTRANT

Publication  
**EP 2185268 A2 20100519 (DE)**

Application  
**EP 08786813 A 20080804**

Priority  
• EP 2008060200 W 20080804  
• DE 202007011097 U 20070808

Abstract (en)  
[origin: WO2009040170A2] The invention relates to a filter element (1), especially an air filter for a motor vehicle, comprising an inner region (2) having a periphery (U) and a longitudinal extension. The inner region (2) is surrounded, on its periphery, by a fluid-permeable filter material essentially folded lengthwise along the longitudinal extension (L) thereof, and at least a selection of folded edges (3) of the longitudinal folds (18) is mutually fixed by fixing means applied to the folding edges (3). The filter element (1) can be reversibly compressed or stretched by a plurality of transversal folds (3) of the filter material in at least the longitudinal extension (6), and the transversal folds (3) are formed at a discrete angle to the direction of the longitudinal extension. Fixing means (7) are provided for fixing a distance between at least a selection of folded edges (12) of the transversal fold (3).

IPC 8 full level  
**B01D 46/52** (2006.01); **F02M 35/02** (2006.01)

CPC (source: EP)  
**B01D 46/0005** (2013.01); **B01D 46/0016** (2013.01); **B01D 46/522** (2013.01); **B01D 46/523** (2013.01); **F02M 35/02483** (2013.01); **B01D 2265/06** (2013.01); **B01D 2275/201** (2013.01); **B01D 2275/203** (2013.01)

Citation (search report)  
See references of WO 2009040170A2

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 202007011097 U1 20081218**; EP 2185268 A2 20100519; WO 2009040170 A2 20090402; WO 2009040170 A3 20090522

DOCDB simple family (application)  
**DE 202007011097 U 20070808**; EP 08786813 A 20080804; EP 2008060200 W 20080804