

Title (en)  
OLIGO-TETRACENES, PRODUCTION AND USE THEREOF

Title (de)  
OLIGO-TETRACENE, IHRE HERSTELLUNG UND IHRE ANWENDUNG

Title (fr)  
OLIGOTETRACENES, LEUR PRODUCTION ET LEUR APPLICATION

Publication  
**EP 1896388 A2 20080312 (DE)**

Application  
**EP 06762105 A 20060621**

Priority  
• EP 2006005926 W 20060621  
• DE 102005029574 A 20050625

Abstract (en)  
[origin: DE102005029574A1] Oligo-tetracene compound (I) is new. Oligo-tetracene compound of formula (I) is new. R, R 1>hal, CN, 1-18C-alkyl or alkoxy, 12C-aryl with one or more heteroatom or 1-18C-fluorinated or perfluorinated alkyl or alkoxy; n : 1-20, preferably 1-2; and X : a bond, 1-6C-alkylene, hydrocarbon with conjugated double bonds, aryl or condensed aromatic ring system. Independent claims are included for: (1) a method for the preparation of (I); and (2) an organic field effect transistors comprising a layer containing (I). [Image].

IPC 8 full level  
**C07C 15/38** (2006.01); **H01L 51/50** (2006.01)

CPC (source: EP KR US)  
**C07C 15/38** (2013.01 - EP KR US); **H10K 10/464** (2023.02 - KR); **H10K 50/14** (2023.02 - KR); **H10K 85/615** (2023.02 - KR);  
**C07C 2603/44** (2017.04 - EP KR US); **H10K 10/464** (2023.02 - EP US); **H10K 50/14** (2023.02 - EP US); **H10K 85/615** (2023.02 - EP US);  
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