

Title (en)  
METHOD FOR THE PRODUCTION OF UNSATURATED ALPHA, OMEGA DICARBOXYLIC ACIDS AND/OR UNSATURATED ALPHA, OMEGA DICARBOXYLIC ACID DIESTERS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON UNGESÄTTIGTEN ALPHA, OMEGA DICARBONSÄUREN UND/ODER UNGESÄTTIGTEN ALPHA, OMEGA DICARBONSÄUREDIESTERN

Title (fr)  
PROCÉDÉ POUR PRODUIRE DES ACIDES ALPHA,OMÉGA-DICARBOXYLIQUES INSATURÉS ET/OU DES DIESTERS D'ACIDES ALPHA,OMÉGA-DICARBOXYLIQUES INSATURÉS

Publication  
**EP 2313361 A1 20110427 (DE)**

Application  
**EP 09777826 A 20090812**

Priority  

- EP 2009005841 W 20090812
- EP 08014838 A 20080821
- EP 09777826 A 20090812

Abstract (en)  
[origin: EP2157076A1] Preparation of unsaturated alpha, omega dicarboxylic acid diesters, comprises converting unsaturated fatty acids and/or unsaturated fatty acid esters in the presence of catalyst comprising dichloro-[1,3- bis(mesityl)-2-imidazolidinylidene]-(3-phenyl-1H-inden-1-ylidene)(tricyclohexylphosphine)ruthenium (II) and/or [1,3-bis(2,4,6-trimethylphenyl)-2-imidazolidinylidene]-[2-[[[(4-methylphenyl)imino]methyl]-4-nitrophenyl]-[3-phenyl-1H-inden-1-ylidene]ruthenium(II) chloride.

IPC 8 full level  
**C07C 67/475** (2006.01); **A61K 8/37** (2006.01); **A61Q 17/04** (2006.01); **C07C 6/04** (2006.01); **C07C 11/02** (2006.01); **C07C 51/353** (2006.01); **C07C 57/13** (2006.01); **C07C 69/593** (2006.01); **C11C 3/00** (2006.01)

CPC (source: EP KR US)  
**A61K 8/37** (2013.01 - KR); **A61Q 17/04** (2013.01 - KR); **C07C 67/475** (2013.01 - EP KR US); **C07C 67/54** (2013.01 - KR); **C07C 69/593** (2013.01 - KR); **C11C 3/00** (2013.01 - EP US); **C07C 2531/22** (2013.01 - EP US); **C07C 2531/24** (2013.01 - EP US)

Citation (search report)  
See references of WO 2010020368A1

Citation (examination)  

- WO 03039502 A1 20030515 - BEIERSDORF AG [DE], et al
- WO 2009020665 A1 20090212 - ELEVANCE RENEWABLE SCIENCES [US], et al
- DATABASE WPI Week 200663, Derwent World Patents Index; AN 2006-604828, XP002752615

Citation (third parties)  
Third party :  
WO 03039502 A1 20030515 - BEIERSDORF AG [DE], et al

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**EP 08014838 A 20080821**; BR PI0917520 A 20090812; CN 200980132264 A 20090812; EP 09777826 A 20090812; EP 2009005841 W 20090812; JP 2011523336 A 20090812; KR 20117003801 A 20090812; US 200913060011 A 20090812