

Title (en)  
PROCESS FOR THE PREPARATION OF PERFLUORINATED CIS-ALKENE

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON PERFLUORINIERTEM CIS-ALKEN

Title (fr)  
PROCÉDÉ POUR LA PRÉPARATION DE CIS-ALCÈNE PERFLUORÉ

Publication  
**EP 2310347 A4 20121031 (EN)**

Application  
**EP 09803441 A 20090727**

Priority  
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Abstract (en)  
[origin: WO2010014548A2] A process for the preparation of perfluorinated cis-alkene comprising: reducing a perfluorinated alkyne with hydrogen over a palladium catalyst in the presence of a non-aromatic amine catalyst modifier to form a product which comprises a perfluorinated cis-alkene, wherein the perfluorinated alkyne has the general structure:  $R_fC=CR_f$  wherein  $R_f$  is a perfluorinated alkyl group having a carbon number in the range between about 1 to 6.

IPC 8 full level  
**B01J 23/04** (2006.01); **B01J 23/44** (2006.01); **B01J 23/745** (2006.01); **C07C 17/354** (2006.01); **C07C 21/18** (2006.01)

CPC (source: EP KR)  
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**B01J 23/58** (2013.01 - EP); **B01J 23/628** (2013.01 - EP)

Citation (search report)  
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• See references of WO 2010014548A2

Designated contracting state (EPC)  
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