

**(19) AUSTRALIAN PATENT OFFICE**

- (54) Title  
Pharmaceutical compositions of combinations of dipeptidyl peptidase-4 inhibitors with metformin
- (51)<sup>6</sup> International Patent Classification(s)  
**A61K** 31/132 2BHUS **A61K**  
 (2006.01) 31/403  
**A61K** 31/40 (2006.01) 20060101ALI2008061  
**A61K** 31/403 2BHUS **A61K**  
 (2006.01) 31/4985  
**A61K** 31/4985 20060101ALI2008061  
 (2006.01) 2BHUS **A61K**  
**A61K** 47/12 (2006.01) 47/12  
 20060101ALI2008061  
**A61P** 3/10 (2006.01) 2BHUS **A61P**  
 A61K 31/132 3/10  
 20060101AFI2008061 20060101ALI2008061  
 2BHUS **A61K** 2BHUS  
 31/40 PCT/US2006/047380  
 20060101ALI2008061
- (21) Application No: 2006333151 (22) Application Date: 2006 .12 .12
- (87) WIPO No: W007/078726
- (30) Priority Data
- (31) Number (32) Date (33) Country  
 60/750,954 2005 .12 .16 US
- (43) Publication Date : 2007 .07 .12
- (71) Applicant(s)  
Merck Sharp & Dohme Corp.
- (72) Inventor(s)  
Tijerina, Monica; Fliszar, Kyle A.; Alani, Laman; Kamali, Ashkan; Ghosh, Soumojeet
- (74) Agent/Attorney  
Spruson & Ferguson, Level 35 St Martins Tower 31 Market Street, Sydney, NSW, 2000
- (56) Related Art  
 WO 2006/047248 A1  
 WO 2007/019255 A2  
 WO 2006/135723 A2  
 WO 2007/041053 A2  
 AU 2004262964 A1  
 EP1557165 A1  
 WO2005/013957 A2  
 WO 2005/047297 A1  
 US6548481 B1  
 US 2004/0254167 A1  
 WO 2003/004498 A1  
 WO 2004/058266 A1  
 US 2004/0229848 A1  
 US 2003/0166578 A1  
 US 2003/0139434 A1