

Title (en)  
Electrical plug-in connection

Title (de)  
Elektrische Steckverbindung

Title (fr)  
Connexion enfichable électrique

Publication  
**EP 1750331 B1 20070808 (DE)**

Application  
**EP 05015503 A 20050716**

Priority  
EP 05015503 A 20050716

Abstract (en)  
[origin: EP1750331A1] The electrical plug-in connection (1) has connecting nut (4) and one of the two internal threads (7,28) of connecting nut is segmented and has a first thread at the sides facing the front sides of the connecting nut and the first thread has a cross-sectional profile that is deviating from the threading of the external threads (6, 20). The cross-sectional profile does not interfere with the threading of the mating plug part (3) or of the plug part (2).

IPC 8 full level  
**H01R 13/622** (2006.01); **F16L 37/10** (2006.01)

CPC (source: EP US)  
**H01R 13/622** (2013.01 - EP US); **H01R 13/5202** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US)

Cited by  
DE102006017983B4

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 1750331 A1 20070207; EP 1750331 B1 20070808**; DE 502005001198 D1 20070920; ES 2292021 T3 20080301; JP 2007027112 A 20070201; JP 4288274 B2 20090701; US 2007037429 A1 20070215; US 7331807 B2 20080219

DOCDB simple family (application)  
**EP 05015503 A 20050716**; DE 502005001198 T 20050716; ES 05015503 T 20050716; JP 2006190092 A 20060711; US 48841006 A 20060717