

Title (en)
FASTENER

Title (de)
VERSCHLUSS

Title (fr)
FIXATION

Publication
EP 2283240 A4 20140402 (EN)

Application
EP 09747729 A 20090515

Priority
• US 2009044229 W 20090515
• US 5338908 P 20080515

Abstract (en)
[origin: WO2009140648A1] A one piece fastener made from high strength steel for securing a work piece to a metal substrate and including an elongated substantially flat body defining a void extending substantially along the length of the body, a crown at one end of the body formed by substantially symmetrical halves extending outwardly from the fiat body and formed integrally therewith. A gripping and clamping member is disposed within the void in the elongated body and is affixed at each end thereof to the body and defines at least first and second teeth extending outwardly therefrom, the gripping and clamping member being rotated. A piercing tip formed at the opposite end of the elongated body for generating an opening through the work piece and the metal substrate, the piercing tip formed from a plurality of incrementally wider steps progressing from the tip toward the width of the body.

IPC 8 full level
F16B 15/08 (2006.01); **F16B 15/06** (2006.01)

CPC (source: EP)
F16B 15/06 (2013.01)

Citation (search report)
• [A] US 2008089760 A1 20080417 - YAO CHUN I [TW]
• [A] US 2006228192 A1 20061012 - CHANG JEN-KUI [US]
• See references of WO 2009140648A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
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