

Title (en)

IMPROVED KEYWAY CONNECTION

Title (de)

VERBESSERTE KEILNUTVERBINDUNG

Title (fr)

LIAISON AMELIOREE PAR RAINURES DE CLAVETAGE

Publication

EP 1920165 A1 20080514 (DE)

Application

EP 06761831 A 20060729

Priority

- DE 2006001322 W 20060729
- US 71124005 P 20050825

Abstract (en)

[origin: US2007048082A1] An assembly for improving a connection between splined assemblies generally includes first and second assemblies each having at least one spline thereon, an integral fastening assembly for axially fastening the first assembly with respect to the second assembly, and a biasing assembly for asserting a force to oppositely rotationally dispose the first and second assemblies with respect to one another. In an embodiment, the first and second assemblies are annular plates. A method for improving a connection between splined assemblies generally includes asserting a bias upon first and second assemblies such that are oppositely rotationally disposed with respect to one another. In the above method, the first assembly and the second assembly each have at least one spline, an integral fastening assembly for axially securing the first and second assemblies, and a biasing assembly. In an embodiment of the above method, the first and second assemblies are annular plates.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2007022745A1

Designated contracting state (EPC)

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US 2007048082 A1 20070301; **US 7604543 B2 20091020**; DE 112006002043 A5 20080430; EP 1920165 A1 20080514; WO 2007022745 A1 20070301

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