

Title (en)  
FLEXIBLE EXHAUST PIPE COUPLING

Title (de)  
FLEXIBLE ABGASROHRKUPPLUNG

Title (fr)  
RACCORD FLEXIBLE POUR TUYAU D'ÉCHAPPEMENT

Publication  
**EP 1966467 A2 20080910 (EN)**

Application  
**EP 05855286 A 20051222**

Priority  
US 2005046701 W 20051222

Abstract (en)  
[origin: WO2007078274A2] A device for connecting pipes in a heavy truck exhaust system includes a flexible sleeve joined to both connecting pipes and a flow guide connected or formed to an upstream pipe and extending through the flexible sleeve into the downstream pipe. The flow guide may have a frustoconical shape converging toward an outlet end with an outlet rim that flares radially outward. An inlet rim of the downstream pipe converges radially inward to prevent backflow into the joint region.

IPC 8 full level  
**F16L 21/00** (2006.01); **F01N 13/18** (2010.01)

CPC (source: EP US)  
**F01N 13/1816** (2013.01 - EP US); **F01N 2470/12** (2013.01 - EP US); **F01N 2470/30** (2013.01 - EP US); **F01N 2590/08** (2013.01 - EP US)

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AL BA HR MK YU

DOCDB simple family (publication)  
**WO 2007078274 A2 20070712; WO 2007078274 A3 20090423**; CA 2633310 A1 20070712; EP 1966467 A2 20080910; EP 1966467 A4 20100310; US 2009077956 A1 20090326

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**US 2005046701 W 20051222**; CA 2633310 A 20051222; EP 05855286 A 20051222; US 8614308 A 20080606