

Title (en)
PIPE JOINT

Title (de)
ROHRLEITUNGSVERBINDUNG

Title (fr)
RACCORDEMENT DE TUYAUX

Publication
EP 1680615 A1 20060719 (DE)

Application
EP 04790905 A 20041027

Priority
• EP 2004012128 W 20041027
• DE 10350682 A 20031030

Abstract (en)
[origin: WO2005043025A1] The invention relates to a pipe joint for connecting a first pipe part (1) to a second pipe part (2), especially for an exhaust gas system of an internal combustion engine. Said pipe joint comprises a fastening means (3) and a sealing element (4) that is provided with a sleeve (5) and a sealing ring (6). According to the invention, the first end (7) of the sleeve (5) is provided with a radial enlargement (8) and can be inserted into the first pipe part (1) in such a way that said enlargement (8) engages behind a peripheral constriction (11) of the first pipe part (1). The inventive pipe joint is suitable particularly for gas-tightly connecting exhaust pipes of motor vehicles.

IPC 1-7
F16L 23/16

IPC 8 full level
F16L 23/16 (2006.01)

CPC (source: EP US)
F16L 23/16 (2013.01 - EP US); **F16L 23/18** (2013.01 - EP US)

Citation (search report)
See references of WO 2005043025A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 2005043025 A1 20050512; DE 10350682 A1 20050602; EP 1680615 A1 20060719; US 2007090645 A1 20070426

DOCDB simple family (application)
EP 2004012128 W 20041027; DE 10350682 A 20031030; EP 04790905 A 20041027; US 57779604 A 20041027