

Title (en)
PIPE COUPLING FOR MULTILAYER PIPES

Title (de)
ROHRKOPPLUNG FÜR MEHRSCICHTIGE ROHRE

Title (fr)
RACCORD DE TUYAU POUR TUYAUX MULTICOUCHE

Publication
EP 3262330 A1 20180103 (EN)

Application
EP 16712977 A 20160222

Priority
• GB 201503161 A 20150225
• GB 2016050434 W 20160222

Abstract (en)
[origin: GB2535741A] A pipe coupling for multilayer pipes comprises a body adapted for insertion into a pipe. The body has a through passage extending inwardly from at least two mouths 11, 12 and on its outer surface a groove 22 for receiving a sealing element 24 for forming a fluid-tight seal between an internal surface of the multilayer pipe and the body. Inwardly of the groove, the cross sectional area of the through passage 28 gradually increases, and can comprise a frusto-conical section with a cone angle of no more than twenty degrees. This reduces the pressure drop through the pipe coupling. The pipe coupling may be an elbow and may be formed from at least two, three or four separate parts attached together. Some of the parts may be formed via injection moulding.

IPC 8 full level
F16L 19/08 (2006.01); **F16L 21/035** (2006.01)

CPC (source: EP GB)
F16L 19/086 (2013.01 - EP); **F16L 33/01** (2013.01 - GB); **F16L 41/08** (2013.01 - GB); **F16L 47/28** (2013.01 - GB); **F16L 21/035** (2013.01 - EP)

Citation (search report)
See references of WO 2016135460A1

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