

Title (en)
A CONDUIT SYSTEM.

Title (de)
EIN ROHRSYSTEM.

Title (fr)
SYSTEME DE CONDUITS.

Publication
EP 0653035 A1 19950517 (EN)

Application
EP 93915609 A 19930722

Priority
• CA 9300296 W 19930722
• CA 2075085 A 19920731

Abstract (en)
[origin: WO9403751A1] The present invention relates to a conduit system comprising a plurality of large diameter conduit elements (7) wherein adjacent conduit elements (7) may be connected together by a coupling means (5) in flexible yet fluid tight fashion. This coupling means (5) may provide a fluid-tight joint despite variations of temperature to which the conduit elements (7) may be subjected. The conduit system may be conveniently used for joining conduits (7) used for feeding water to the turbines of hydro-electric plants. The coupling means (5) may comprise annular rings or flanges (16) fixed on the periphery of each of the pipe ends to be joined together, the annular rings (16) having upwardly and inwardly extending side walls (17, 18). An annular-type gasket (21, 22) formed of a resilient material may be positioned around the periphery of the rings (e.g. in a bridging relation with same), the annular gasket (21, 22) being positioned in a substantially co-axial alignment with the longitudinal axis of the conduits (7). The coupling means (5) may also comprise ring clamp means (8) having at least two clamp elements positionable around the annular rings (16). The clamp elements (8) are provided with a flange receiving channel or groove (10). With the clamp elements (8) secured about the flanges (16) the gasket member (21, 22) may be radially compressed between the flanges (16) and the clamp means (8) for a fluid tight joint.

IPC 1-7
F16L 23/08; F16L 17/04

IPC 8 full level
F16L 23/036 (2006.01); **F16L 23/08** (2006.01)

CPC (source: EP)
F16L 23/036 (2013.01); **F16L 23/08** (2013.01)

Citation (search report)
See references of WO 9403751A1

Cited by
GB2467613A; GB2467613B

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9403751 A1 19940217; AU 4555793 A 19940303; CA 2075085 A1 19940201; EP 0653035 A1 19950517

DOCDB simple family (application)
CA 9300296 W 19930722; AU 4555793 A 19930722; CA 2075085 A 19920731; EP 93915609 A 19930722