

Title (en)  
JOINT RESTRAINT

Title (de)  
VERBINDER

Title (fr)  
JOINT DE RACCORDEMENT

Publication  
**EP 0923694 A1 19990623 (EN)**

Application  
**EP 97939820 A 19970905**

Priority  
• US 9715663 W 19970905  
• US 2557196 P 19960906

Abstract (en)  
[origin: WO9810211A1] A joint restraint (10) for securing a first pipe (12) to a second pipe. The joint restraint (10) includes an annular body (14) and a plurality of wedge housings (18) extending from the annular body (14) and characterized by open rear faces (38) to allow coreless casting. A bolt (32) is disposed within a hole (30) in each wedge housing (18) and a wedge (40) is disposed within each wedge housing (18). Each wedge (40) has a bolt-actuated tooth (52), a larger pressure-actuated tooth (54), a top surface (44) having a groove (48) adapted to slidably receive a bolt actuator (32), and a bottom surface (42) that is partially tapered to act as a bearing (76) limiting the extent of bolt-driven actuation.

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IPC 8 full level  
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