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(54) CURRENT-PROTECTIVE PIPE UNION SAFETY CONTROL

FIELD: constructional engineering.

SUBSTANCE: invention concerns pipe unions providing external corrosion control and dielectric connector of one pipeline section to another and simultaneous maintaining tightness at high pressures. Safety control is designed as multilayered current-protective tool having external metal layer of internal diameter equal or greater than internal diameter of pipe without dielectric isolation, and internal metal layer of external diameter smaller than internal diameter of external layer. The centre is made of dielectric material filling radial clearance between external and internal layers and covers free internal surface of external layer. External and internal layers are rigidly connected and electrically contact to pipe without dielectric isolation.

EFFECT: improved reliability of current-protective pipe union safety control.

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