Pipe-line systems (conveying articles or materials through a pipe-line by means of a fluid carrier B65G 51/00, B65G 53/00; liquids B67D; special devices for transferring liquids from bulk storage containers into vehicles or boats or vice versa, e.g. loading or unloading vehicles or portable containers B67D 7/00; conveying material which has been excavated by a dragger or soil shifter through a pipeline E02F 7/10; sewer pipe-line systems E03F 3/00; thermal insulation of pipe-lines F16L 59/00; central heating systems F24D)

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3/16 . for eliminating particles in suspension (from liquids by sedimentation B01D 21/00; separation by filtration or otherwise B01D 24/00 - B01D 51/00; centrifugal apparatus B04)

3/18 . for measuring the quantity of conveyed product (measuring volume or volume flow, in general G01F)

5/00 Protection or supervision of installations
(arrangements for protecting foundations E02D 31/00; protecting pipes from damage or internal or external wear F16L 57/00, against corrosion and scale F16L 58/00; investigation of the fluid-tightness of structures G01M 3/00)

5/005 . (of gas pipelines, e.g. alarm)
5/02 . Preventing, monitoring, or locating loss
5/04 . . by means of a signalling fluid enclosed in a double wall
5/06 . . using electric or acoustic means
5/08 . Protection of installations or persons from the effects of high voltage induced in the pipe-line (emergency protective circuit arrangements H02H)