

Title (en)

FLAT PIPE PRESSURE DAMPER FOR DAMPING OSCILLATIONS IN LIQUID PRESSURE IN PIPES CARRYING LIQUIDS

Title (de)

FLACHROHRDRUCKDÄMPFER ZUR DÄMPFUNG VON FLÜSSIGKEITS-DRUCKSCHWINGUNGEN IN FLÜSSIGKEITSLEITUNGEN

Title (fr)

AMORTISSEUR DE PRESSION SOUS FORME DE TUYAU PLAT SERVANT A AMORTIR LES OSCILLATIONS DUES A LA PRESSION DANS DES LIQUIDES CIRCULANT DANS DES CONDUITS

Publication

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Application

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Abstract (en)

[origin: DE19854551A1] The invention relates to a flat pipe pressure damper (1) for damping oscillations in liquid pressure in pipes that carry liquids, especially oscillations in fuel pressure in fuel supply lines (5) in motor vehicles. The inventive damper comprises at least one chamber (24), whereby at least one part of the chamber wall that interacts with the liquid can be elastically deformed as a result of the oscillations in the pressure of said liquid. According to the invention, one part of the chamber (24) is filled with liquid.

IPC 1-7

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IPC 8 full level

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