

Title (en)

Process for damping acoustic waves in a circuit of circulating fluid.

Title (de)

Verfahren zur Dämpfung von akustischen Wellen in einem Kreis von zirkulierender Flüssigkeit.

Title (fr)

Procédé pour l'atténuation des ondes acoustiques dans un circuit de circulation de fluide.

Publication

EP 0454601 A1 19911030 (FR)

Application

EP 91440031 A 19910418

Priority

FR 9005595 A 19900425

Abstract (en)

The process involves the insertion of at least one transducer into the wall of a pipe belonging to this circuit. The transducer causes the wall to vibrate, thus creating an active moving wall whose radial displacements are in phase opposition to the local acoustic pressure. This produces a condition in which the acoustic waves are not propagated so that waves coming from the pipe towards the transducer are reflected. <IMAGE>

IPC 1-7

G10K 11/16

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] US 4044203 A 19770823 - SWINBANKS MALCOLM ALEXANDER
- [Y] FR 2632473 A1 19891208 - SAINT LOUIS INST [FR]
- [Y] US 4171465 A 19791016 - SWINBANKS MALCOLM A [GB]

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