

Title (en)

Noise-reduction device for stationary induction apparatus.

Title (de)

Rauschverminderungseinrichtung für stationäre Induktionsvorrichtung.

Title (fr)

Installation de diminution de bruit pour dispositif stationnaire d'induction.

Publication

**EP 0083718 A1 19830720 (EN)**

Application

**EP 82110831 A 19821123**

Priority

JP 19284481 A 19811202

Abstract (en)

A noise-reduction device for a stationary induction apparatus is disclosed in which sound insulation panels (4) for reducing the noises radiated from the side walls (2) of a tank (1) are mounted on the reinforcing channel (3) protruded outside of the tank (1) of the induction apparatus. Vibration sensors (5) detect the vibrations transmitted from the tank (1) to the sound insulation panels (4) through the reinforcing channels (3). Vibrators (6) apply vibrations of opposite phase to the vibrations detected by the vibration sensors (5). The vibration sensors (5) and vibrators (6) make up vibration cancelling devices.

IPC 1-7

**H01F 27/33**; G10K 11/16

IPC 8 full level

**G10K 11/178** (2006.01); **H01F 27/33** (2006.01)

CPC (source: EP US)

**H01F 27/33** (2013.01 - EP US); **G10K 2210/125** (2013.01 - EP); **G10K 2210/1291** (2013.01 - EP); **G10K 2210/3011** (2013.01 - EP); **G10K 2210/3013** (2013.01 - EP); **G10K 2210/3216** (2013.01 - EP); **G10K 2210/509** (2013.01 - EP)

Citation (search report)

- DE 3047341 A1 19810917 - HITACHI LTD [JP]
- WO 8101479 A1 19810528 - SOUND ATTENUATORS LTD [GB], et al
- CH 610429 A5 19790412 - WESTINGHOUSE ELECTRIC CORP [US]
- DE 1227142 B 19661020 - SMIT & WILLEM & CO NV
- GB 782794 A 19570911 - GEN ELECTRIC
- SOVIET INVENTIONS ILLUSTRATED, Section E1., week C 39, nov. 5. 1980 DERWENT PUBLICATIONS LTD.LONDON; T 06; & SU-A-714471 (WORK SAFETY RES.)

Cited by

EP0664044A4; GB2260874A; CN105609236A; FR2632474A1; EP0746843A4; EP2141691A1; US8611576B2; US8198967B2; WO2010000411A1; WO2004107312A3; WO2016147158A1; WO2010063323A1

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0083718 A1 19830720**; CA 1181013 A 19850115; JP S5895806 A 19830607

DOCDB simple family (application)

**EP 82110831 A 19821123**; CA 416574 A 19821129; JP 19284481 A 19811202