

Title (en)  
SOUND GENERATING SYSTEM

Publication  
**EP 0300696 A3 19900613 (EN)**

Application  
**EP 88306493 A 19880715**

Priority  
GB 8717312 A 19870722

Abstract (en)  
[origin: EP0300696A2] A sound generating system, suitable among other purposes for keeping boilers and the like free of soot, comprises a sound generator (13), for example a rotary sound generator, which functions by interrupting an air or gas supply at predetermined frequent intervals, at least one resonance tube (18, 19, 20) connected to receive sound pulses produced by the sound generator (13), and, disposed in the connecting line between the sound generator (13) and the or each resonance tube (18, 19, 20), a valve (21, 22, 23) having a straight-through flow passage closable by rotation of a rotary valve member. The system makes it possible to operate several such resonance tubes (18, 19, 20) from a single sound generator (13).

IPC 1-7  
**G10K 7/06**; **B08B 9/02**; **F28G 7/00**

IPC 8 full level  
**B08B 7/02** (2006.01); **B08B 9/093** (2006.01); **B08B 17/02** (2006.01); **F28G 7/00** (2006.01); **G10K 7/06** (2006.01)

CPC (source: EP)  
**B08B 7/02** (2013.01); **B08B 9/093** (2013.01); **B08B 17/02** (2013.01); **F28G 7/00** (2013.01); **G10K 7/06** (2013.01); **B08B 2209/005** (2013.01)

Citation (search report)  
• [A] US 2351163 A 19440613 - THOMAS WILLIS P  
• [A] DE 2205988 A1 19720817 - KOCKUMS MEKANISKA VERKSTADS AB  
• [A] POWER, vol. 127, no. 3, March 1983, page 129, Concord, New Hampshire, US; "Infrasound generators clean heat-transfer surfaces"

Cited by  
WO2004009255A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**GB 2207543 A 19890201**; **GB 2207543 B 19910529**; **GB 8816674 D0 19880817**; EP 0300696 A2 19890125; EP 0300696 A3 19900613; GB 8717312 D0 19870826

DOCDB simple family (application)  
**GB 8816674 A 19880713**; EP 88306493 A 19880715; GB 8717312 A 19870722