

Title (en)  
Ventilator apparatus.

Title (de)  
Beatmungsgerät.

Title (fr)  
Dispositif respiratoire.

Publication  
**EP 0373153 B1 19940420**

Application  
**EP 90101880 A 19870203**

Priority  
• EP 87901084 A 19870203  
• GB 8602646 A 19860204  
• GB 8618254 A 19860725

Abstract (en)  
[origin: EP0373153A2] Ventilator apparatus for treating a patient has a ventilator enclosure to which oscillating air flow is controlled via a valve connected to the enclosure and to sources of positive and negative pressure. The valve (A) comprises a main chamber (812) separated via a valve seat and a shutter member (810) from subsidiary chambers (816, 817) which are isolated from one another. Rotation of the shutter member by a stepper motor (B) connects each subsidiary chamber to the main chamber in turn to produce oscillating gas flow through a main port (812a) connected to the enclosure.

IPC 1-7  
**A61H 31/02**; **A61M 16/20**

IPC 8 full level  
**A61H 31/02** (2006.01); **A61M 16/20** (2006.01)

CPC (source: EP)  
**A61H 31/02** (2013.01)

Cited by  
WO9849993A1; AU713322B2; CN103932881A; AU737215B2; WO9803145A1; US6182658B1; WO9716663A1; US6708691B1

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

DOCDB simple family (publication)  
**EP 0373153 A2 19900613**; **EP 0373153 A3 19900926**; **EP 0373153 B1 19940420**; GB 8602646 D0 19860312; GB 8618254 D0 19860903; JP 2651686 B2 19970910; JP S63502326 A 19880908

DOCDB simple family (application)  
**EP 90101880 A 19870203**; GB 8602646 A 19860204; GB 8618254 A 19860725; JP 50108687 A 19870203