

Title (en)  
PRESSURE EXCHANGER

Publication  
**EP 0143956 B1 19880504 (DE)**

Application  
**EP 84112407 A 19841015**

Priority  
CH 640283 A 19831130

Abstract (en)  
[origin: US4744213A] A pressure-wave machine for supercharging internal combustion engines having a cellular wheel with surfaces coated with catalyst material.

IPC 1-7  
**F02B 33/42**; **F04F 11/02**; **F01N 3/28**

IPC 8 full level  
**F01N 3/28** (2006.01); **F02B 33/42** (2006.01); **F04F 13/00** (2009.01)

IPC 8 main group level  
**F04F 99/00** (2009.01)

CPC (source: EP US)  
**F01N 3/28** (2013.01 - EP US); **F02B 33/42** (2013.01 - EP US); **F04F 13/00** (2013.01 - EP US); **F01N 2510/06** (2013.01 - EP US); **F02G 2254/11** (2013.01 - EP US)

Cited by  
EP0576716A1; US5021388A; US4971939A; US4983261A; DE19703522A1; AT408785B; DE19532170A1; DE102007021367A1; DE102007021367B4; DE102011118765A1; WO9720134A1

Designated contracting state (EPC)  
CH DE GB IT LI

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**EP 0143956 A1 19850612**; **EP 0143956 B1 19880504**; DE 3470904 D1 19880609; JP S60135615 A 19850719; US 4744213 A 19880517

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**EP 84112407 A 19841015**; DE 3470904 T 19841015; JP 25209884 A 19841130; US 90197886 A 19860902