

Title (en)  
ENGINE AND SUPERCHARGER

Title (de)  
MOTOR UND AUFLADER

Title (fr)  
MOTEUR ET COMPRESSEUR

Publication  
**EP 2577020 A1 20130410 (EN)**

Application  
**EP 10852289 A 20100528**

Priority  
US 2010001581 W 20100528

Abstract (en)  
[origin: WO2011149444A1] An internal combustion engine (11) is coupled to a supercharger (21) operable to supply varying amounts of air to the engine. (11) responsive to the load. (19) on the engine (11). The supercharger (21) has a pair of screw rotors (33,37) driven by the engine (11) to move air to the engine (11) and a control apparatus (14) for varying the mass and pressure of air supplied to the engine (11).

IPC 8 full level  
**F02B 75/00** (2006.01)

CPC (source: EP)  
**F02B 33/38** (2013.01); **F02D 23/00** (2013.01); **F02D 29/06** (2013.01); **F02D 41/0007** (2013.01); **F04C 18/16** (2013.01); **F04C 23/006** (2013.01); **F04C 28/16** (2013.01); **F02B 39/04** (2013.01); **F04C 29/0078** (2013.01); **F04C 2240/52** (2013.01); **Y02T 10/12** (2013.01)

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