

Title (en)
Supercharger.

Title (de)
Aufladegebläse.

Title (fr)
Compresseur à suralimentation.

Publication
EP 0312107 A1 19890419 (EN)

Application
EP 88117150 A 19881014

Priority
JP 25928887 A 19871014

Abstract (en)
An air intake system of an internal combustion engine (12) including a supercharger (13) comprises an air intake pipe (11) connecting an air inlet port (12a) of an internal combustion engine (12) to a supercharger (13). The supercharger (13) is directly driven by a motor (131) of which rotation is controllable.

IPC 1-7
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IPC 8 full level
F02B 33/40 (2006.01); **F02B 33/44** (2006.01); **F02B 39/10** (2006.01)

CPC (source: EP KR)
F02B 33/40 (2013.01 - EP); **F02B 33/446** (2013.01 - EP); **F02B 39/02** (2013.01 - KR); **F02B 39/10** (2013.01 - EP)

Citation (search report)
• [X] US 4669269 A 19870602 - DINGER HANS [DE], et al
• [X] GB 2163483 A 19860226 - SOLEX
• [X] DE 2004749 A1 19710812
• [X] FR 2504992 A1 19821105 - VALBREV [FR]

Cited by
CN104929759A; US6892713B2; DE19934606A1; US6889672B2; DE4323155A1; US6966293B1; GB2365070A; US5704323A; US6029452A; CN1107794C; US6141965A; EP1042595A4; US6205787B1; US10085377B2; US6256993B1; WO9917008A1; WO0032917A1; WO9516115A1; WO2007072199A3; WO0210565A1; WO2015112593A1

Designated contracting state (EPC)
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