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(54) **COMPRESSED AIR INTAKE ENGINE INLET BOOSTER**

(57) An inlet fluid booster system for an internal combustion engine having engine cylinders includes a compressed fluid supply source that is in upstream fluid communication with the engine cylinders. A fluid booster is in downstream fluid communication with the compressed fluid supply source for selectively introducing compressed auxiliary fluid from the compressed fluid supply source. The auxiliary fluid is selectively introduced from the fluid booster to have a velocity vector towards the engine cylinders that is greater than a velocity vector away from the engine cylinders.

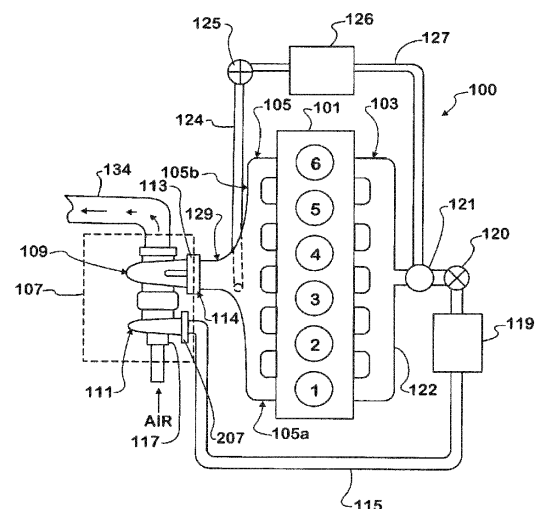


FIG. 1