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(54) **Engine and straddle type vehicle**

(57) An engine of the invention includes a crankshaft including a crank web; a clutch shaft disposed behind the crankshaft and provided with a clutch; a balancer shaft disposed in front of the crankshaft and provided with a balancer weight; a crankcase for accommodating the crankshaft, the balancer shaft and the clutch shaft; a cylinder section attached to the crankcase; and a starter motor disposed above the cylinder section and capable of driving the crankshaft, wherein the balancer shaft is disposed between a first horizontal surface intersecting an axial center of the crankshaft when the engine is mounted on a vehicle and a second horizontal surface intersecting a lower end of the crank web when the engine is mounted on the vehicle, the balancer weight is disposed below the first horizontal surface, and the starter motor is disposed forward of a vertical surface intersecting the axial center of the crankshaft when the engine is mounted on the vehicle.

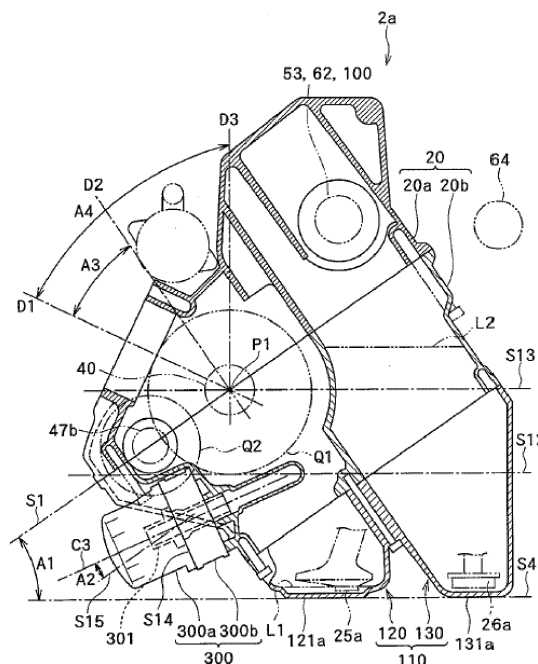


FIG. 15



EUROPEAN SEARCH REPORT

Application Number
EP 13 18 0600

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 14 April 2015	Examiner Matray, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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