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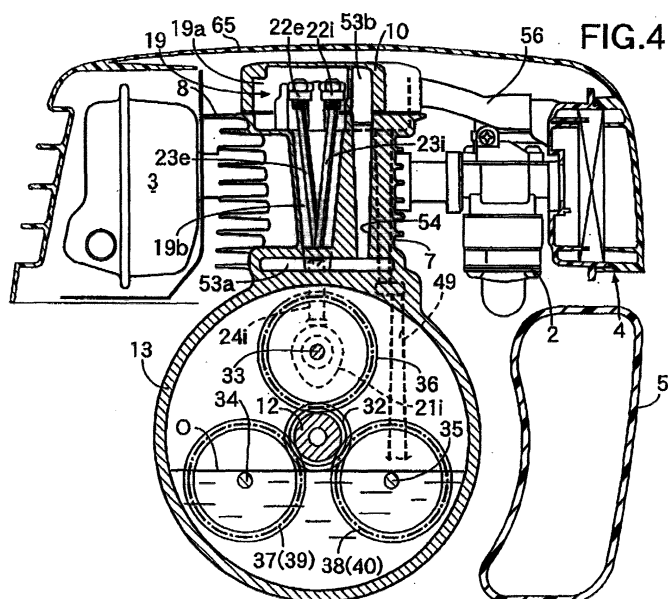
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(54) **Handheld type four-cycle engine**

(57) In an oil mist generation system, an oil slinger is disposed in an oil tank and is rotated by a crankshaft, the oil slinger scattering oil store in the oil tank by the rotation of the oil slinger so as to generate an oil mist. The oil mist generation system includes a drive gear pro-

vided on the crankshaft, and at least three oil slingers supported on three support shafts and simultaneously driven by the drive gear, the three support shafts being arranged around the drive gear. Therefore, besides a circular shape, various shapes can be imparted to the peripheral wall of the oil tank.





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EUROPEAN SEARCH REPORT

Application Number
EP 01 10 6696

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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 5 December 2002	Examiner Mouton, J
CATEGORY OF CITED DOCUMENTS		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	
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			

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