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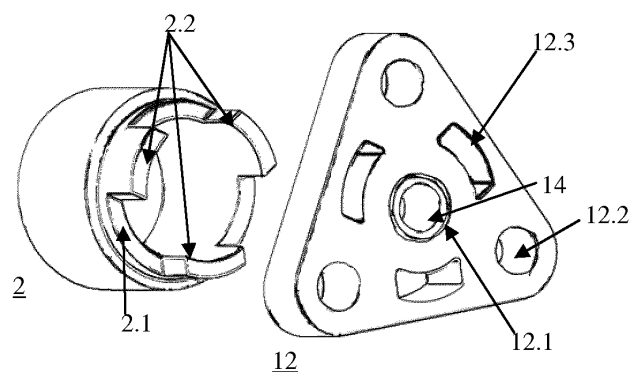
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(54) **Vehicle starter and transmission mechanism for the same**

(57) The present invention relates to a transmission mechanism for a vehicle starter, comprising: a speed reducer connected to an output shaft of an electric motor of the vehicle starter; an overrunning clutch connected to the speed reducer, the overrunning clutch having a driving part, a driven part and a movement transmitting element provided between the driving and driven parts for achieving transmission of a one-way movement therebetween; and an output shaft connected to the overrunning clutch, wherein the transmission mechanism further comprises a transmission carrier, the overrunning clutch

is connected to the speed reducer via the transmission carrier in such a way that rotational movement is able to transmit only from the speed reducer to the overrunning clutch, the driving part of the overrunning clutch is mounted in the transmission carrier with play, and the transmission carrier is mounted on the output shaft of the electric motor. The present invention also relates to a vehicle starter comprising said transmission mechanism. The transmission mechanism can be manufactured simply and its coaxiality can be ensured.



**Figure 3**



## EUROPEAN SEARCH REPORT

Application Number  
EP 13 16 8353

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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			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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