

AbstractA Propulsion System in a Vehicle

5 This invention relates to a propulsion system in a vehicle. In a preferred
embodiment, the propulsion system (202) comprises: a transmission system
(302) arranged to propel at least one wheel (320) of the vehicle in the form of a
bicycle (200); a pedal assembly (300) having a first and second elongate
members (304, 306) pivotably connected to a fulcrum, each of the first and
10 second elongate members (304, 306) are configured to alternate between a first
position and a second position to drive the transmission system (302) to propel
the at least one wheel (320); wherein a relative angle between the first and
second elongate members, with respect to the fulcrum, forms an angle of less
than 180 degrees.

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[Fig. 3]



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