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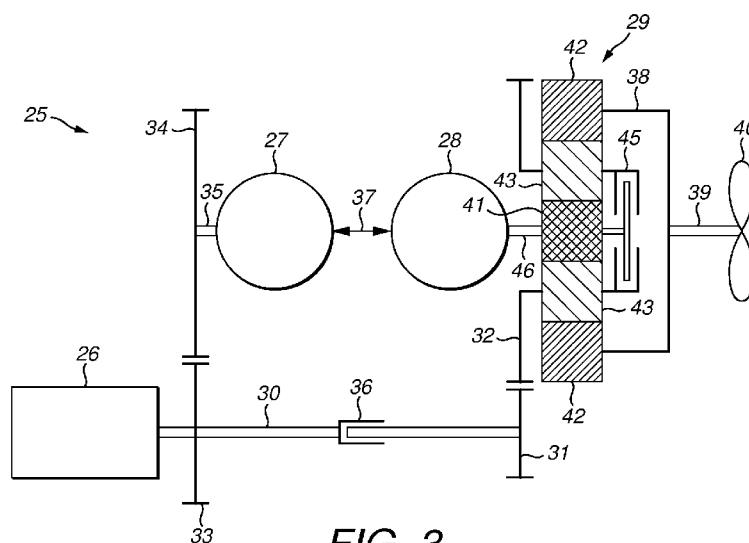


FIG. 3

(57) Abstract: This disclosure is directed towards a propulsion system suitable for work machines, particularly marine vessels. The propulsion system comprises a transmission configured to provide a power output and at least one first energy conversion machine. The propulsion system also comprises at least one power unit operable to selectively drive the transmission and/or the at least one first energy conversion machine. At least one second energy conversion machine operable to selectively drive or be driven by the transmission is also provided. A power transfer arrangement is also provided for transferring power between the first and second energy conversion machines.