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(54) Title: A HYDRAULIC CONTINUOUS VARIABLE SPEED SYSTEM HAVING HYDRAULIC AND PNEUMATIC SPEED CONTROLS AND A METHOD OF USE

(57) Abstract: A hydraulic continuous variable transmission is provided to connect a wind turbine and a generator. The hydraulic continuous variable transmission has a primary paddle wheel and a number of secondary paddle wheels for macro speed control. Also provided are pneumatic paddle wheels for micro speed control. A controller is included that measures AC electrical characterized output to load or line for speed control.

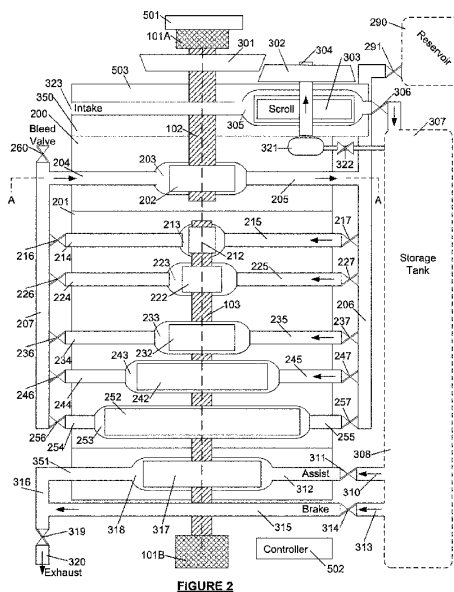


FIGURE 2

WO 2020/146299 A1