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(54) Title: ROTATABLY SUPPORTED REGENERATIVE FLUID TREATMENT WHEEL ASSEMBLIES

(57) Abstract

Rotatably supported, regenerative fluid treatment wheel assemblies include a wheel (32) with circumferential rim (34) and track (36), a housing (38) in which the wheel (32) is disposed and a plurality of rollers (42) disposed within the housing (38) in rolling engagement with the track (36) to locate the wheel (42) axially and radially within the housing (38). Sealing flanges (52) are provided projecting radially outwardly from the rim (34) and are opposed by flexible seals (54) which are clip (54b) mounted to walls (40) of the housing (38) surrounding openings (40a, 40b) through those walls (40) which are aligned with the wheel (32). At least one wheel (42) is spring loaded which compensates for any eccentricity in the belt (72) driven regenerative wheel (32). A mounting plate (86), flange-mounted motor (76), drive pulley (74) and a spring loaded idler pulley (80) are provided for easy installation and removal.

