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(71) Applicant: **PIVOTAL ENTERPRISES PTY LTD**
[AU/AU]; Unit 4, 350 Brunswick Road, Brunswick, Victoria 3056 (AU).

(72) Inventors: **THOMSON, Christopher**; 63 Croydon Road, Surrey Hills, Victoria 3127 (AU). **FAHRY, Stephen**; PO Box 17, Carlton North, Victoria 3054 (AU). **MIHOS, Georgios**; 217 Gower Street, Preston, Victoria 3072 (AU).

PALLAGHY, Paul; PO Box 398, Ivanhoe, Victoria 3079 (AU).

(74) Agent: **GRIFFITH HACK**; GPO Box 1285, Melbourne, Victoria 3001 (AU).

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(54) Title: AN APPARATUS AND METHOD FOR CONCENTRATING A FLUID

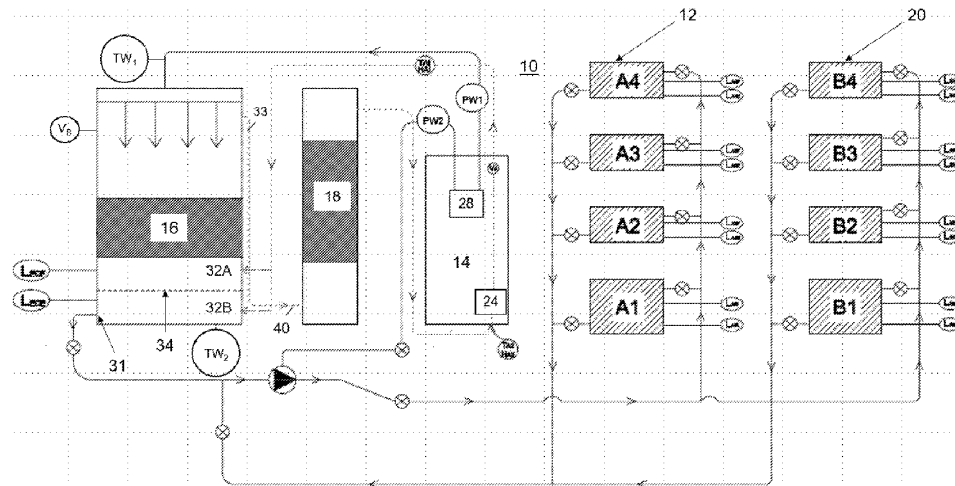


Figure 1

(57) Abstract: A method of concentrating a process fluid, including a carrier fluid, including: (a) maintaining a process fluid at a predetermined temperature value/range; (b) evaporating the carrier fluid from the process fluid to produce a concentrated process fluid; (c) monitoring at least one process variable of steps (a) or (b) to detect fouling formed in either step (a) or (b); and (d) initiating a cleaning protocol if the process variable deviates from a predetermined value/range to reduce the fouling formed.

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