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(71) Applicant: **IMI HYDRONIC ENGINEERING INTERNATIONAL SA** [CH/CH]; Lake Geneva business Park, Route de Crassier 19, 1262 Eysins (CH).

(72) Inventors: **PILAN ZANONI, André**; Hauptstr. 65, 4441 Thürnen (CH). **SCHERRER, Alain**; Witterswilerfeldweg 38, 4106 Therwil (CH).

(74) Agent: **ZACCO SWEDEN AB**; Box 5581, Löjtnantsgatan 21, 114 85 Stockholm (SE).

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(54) Title: A CYCLONE SEPARATOR

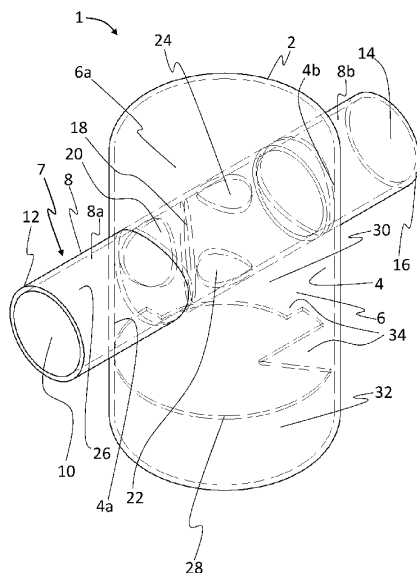


Fig. 1

(57) Abstract: A cyclone separator, comprising a vessel and a pipe arrangement. The pipe arrangement comprises a pipe inlet, a pipe outlet, and a blocking wall located between the pipe inlet and the pipe outlet, preventing at least a major part of the liquid from flowing directly from a first pipe portion to a second pipe portion. A first opening is provided in the first pipe portion between the pipe inlet and the blocking wall, and a second opening is provided in the second pipe portion. Liquid received through the pipe inlet is diverted by the blocking wall to exit through the first opening. The liquid then flows in a spiral cyclone motion in the separation chamber so as to separate non-liquid matter from the liquid. Liquid re-enters into the pipe arrangement through the second opening, enabling at least a part of the re-entered liquid to leave the arrangement through the pipe outlet.

WO 2025/031891 A1