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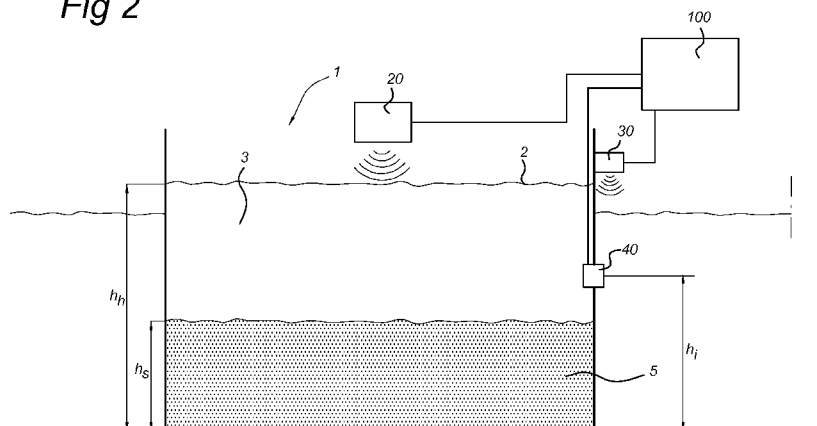
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Fig 2



(57) Abstract: The invention relates to a method for determining a volume (V_s) of a settled bed in a mixture in a loading space (1). The mixture comprises a settled bed and a mixture soup above the settled bed. The method comprises: a) determining a mixture height (h_h) of the mixture in the loading space, and determining a mixture volume (V_h) of the mixture in the loading space on the basis of the mixture height (h_h), b) determining the mass (m) of the mixture in the loading space (1), c) determining a density of the settled mixture (ρ_s), d) determining a density of the mixture soup (ρ_{mi}), and e) determining the volume (V_s) of the settled bed using the formula $V_s = (m - V_h \rho_{mi}) / (\rho_s - \rho_{mi})$.