

ABSTRACT

5 MIXING OF FLUIDS

A process for mixing a pumpable fluid comprising finely divided solid particles having an average particle size of less than 1mm and a liquid suitable for a food or drink
10 which comprises feeding the pumpable fluid through an inlet into a mixing chamber bounded by first and second facing walls and a peripheral side wall, the first and second walls being formed by a pair of spaced discs with their opposing faces parallel, the first disc being a stationary
15 disc and the second disc being a rotary disc adapted to rotate about its longitudinal axis, each disc being provided with spikes extending transversely from their opposing faces within the space between the discs, the spikes from the stationary disc being disposed in
20 interdigital relationship with the spikes from the rotary disc, rotating the rotary disc to mix the pumpable fluid and removing the mixed pumpable fluid from the mixing chamber through an outlet positioned centrifugally of the inlet.

25 Figure 1

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