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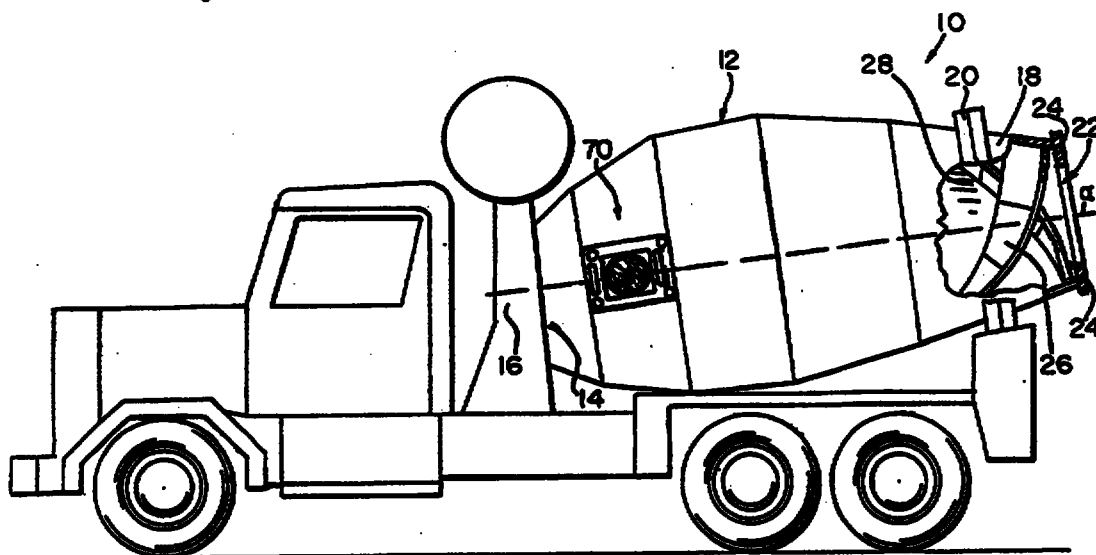
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(54) Title: A MICROWAVE ENERGY GENERATION DEVICE USED TO FACILITATE REMOVAL OF CONCRETE FROM A METAL CONTAINER



(57) Abstract

An apparatus for mixing concrete adapted to facilitate removal of hardened concrete therefrom includes a metal container (12) and a microwave energy generation device (30). The metal container (12) is adapted to contain concrete and to enable concrete placed therein to be mixed or agitated by mixing fins (26), the container (12) having inner walls (28) to which the concrete may adhere when the concrete hardens. The microwave energy generation device (30) generates microwave radiation energy into the metal container (12) and is capable of liberating water molecules from the concrete placed in the container (12) so as to weaken the chemical structure of the concrete to thereby facilitate breakage of the hardened concrete and removal of the concrete from the container (12).