WO96/30727A1 describes a method and system of promoting discharge of essentially non-flowing material through a bottom opening of a container, such as a storage bin or hopper. It is noted that it may be difficult to unload the material from the hopper as when a gate at a bottom opening is opened the material may not flow through the opening but will "hang-up" within the hopper, bridging or arching across the bottom opening. According to this document, in order to dislodge the material and cause it to substantially "flow" through the hopper bottom opening, a movable panel is located adjacent to the opening, at the deepest region within the hopper where the material is most compact. The movable panel has a free end which is pivotable about a fixed upper end of the panel where it is rotatably connected via an elongated horizontally extending hinge. Its angular disposition and intended movement against and away from the underside of the mass will create an unstable condition within the material which will cause it to break off and tumble under its own weight, falling through the opening. The repeated, slow manoeuvring of the panel, first upwardly and then downwardly, sequentially recreates such instability within the material, causing successive, comparatively small lumps of it to break off frequently, thereby promoting flow through hopper opening. This document thus relates to the unloading of essentially non-flowing materials.

DE3409205 describes to vibrate a container to enhance separation of a two-phase mixture of liquid and solids. WO2009144031A2 describes a method and apparatus to move particles in a fluid by moving a container comprising the fluid and the particles.

SUMMARY

~~It is an object~~Embodiments seek to provide a method of loading a loading space with dredged materials and such a loading space which can be loaded more efficiently.

Therefore, according to a first aspect a method of loading a loading space of a vessel with dredging materials is provided, wherein the method comprises

a) loading a slurry comprising dredging materials and water into the loading space, and

b) generating at least one pressure wave through the slurry inside the loading space to enhance the formation of a settled bed of the dredging materials.