ABSTRACT

[0052] A liquid disruptor device (100) and a method of manufacturing the same are introduced. The liquid disruptor device (100) comprises a front casing (1), a liquid seal film (2), a rear casing (3), a plane wave generator (4) and a counter-impact cover (5). The plane wave generator (4) generates a plane blast wave which compresses a liquid contained in the front casing (1) and a liner (11) to not only focus blast energy of the liquid but also allow the liquid to form a liquid knife current for destroying explosives. Hence, the liquid disruptor device (100) displays higher efficiency per unit weight of explosives when detonation thereof occurs at multiple points. Further, a liquid disruptor device module (200) inclusive of at least two liquid disruptor devices (100) combined to assume a geometric shape is introduced.

Figure 2.