

**A MAGNETIC POUCH ATTACHMENT MECHANISM WITH CRASH STABLE
LOCKING TEETH**

ABSTRACT

A magnetic pouch attachment mechanism includes one or more magnetic pouch mounts (500) having an alignment plate (505) with one or more magnetic areas (520) disposed within the alignment plate (505). The magnetic pouch mount (500) also includes a pouch (900) removably coupled with the one or more magnetic pouch mounts (500) such that when the pouch (900) is placed in proximity to the one or more magnetic pouch mounts (500), an attractive magnetic force is exerted between the pouch (900) and the one or more magnetic pouch mounts (500) such that the pouch (900) aligns with and couples to the one or more magnetic pouch mounts (500). A mounting bracket (920) coupled to the pouch (900) includes one or more bracket magnetic areas (935) disposed within the mounting bracket (920) and configured to induce an attractive magnetic force with the one or more magnetic areas (520).

FIG. 18