

ACTIVATION MODE CONTROL OF OILFIELD TOOLS**ABSTRACT**

Switching a downhole tool between a first operation mode, a second operation mode, and a third operation mode, operation modes may include a sleep mode in which the downhole tool consumes less energy, a twilight mode in which the downhole tool consumes more energy than in sleep mode and/or may perform limited functions, and an awake mode in which the downhole tool consumes more energy than in the sleep mode or in the twilight mode and may perform additional tool functions.

Figure 2