

ABSTRACT

COLLISION PREVENTION SYSTEM FOR LIFTING MACHINERY

A collision prevention system for lifting machinery including, at least one measurement transceiver (9,39,41,45) mountable on or adjacent the lifting machinery, the measurement transceiver being adapted to transmit a radio signal through an operational area surrounding the lifting machinery, and for measuring reflected radio signals returning from the operational area, the reflected radio signals identifying a position of one or more objects located within the operational area to thereby determine whether or not the detected object(s) within the operational area is within a critical position(s) relative to the lifting machinery.

Figure 1