

Title (en)  
MINE CLEARANCE DEVICE

Title (de)  
MINENRÄUMVORRICHTUNG

Title (fr)  
DISPOSITIF DE DEMINAGE

Publication  
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Application  
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Abstract (en)  
[origin: US5458063A] PCT No. PCT/FR94/00050 Sec. 371 Date Aug. 30, 1994 Sec. 102(e) Date Aug. 30, 1994 PCT Filed Jan. 14, 1994 PCT Pub. No. WO94/18520 PCT Pub. Date Aug. 18, 1994. An apparatus for activating a magnetic influenced mine from a distance includes a circuit arrangement for conserving power use and simulating the magnetic signature of a vehicle. The circuit arrangement includes a magnetic field generating coil connected to an electric feed circuit. The electric feed circuit is comprised of a voltage source, a circuit breaking element, and at least one capacitor connected to the terminals of the magnetic field generating coil. The circuit breaking element operates to alternately connect and disconnect the set of capacitors from the voltage source. By oscillating the current to the magnetic generating coil, the magnetic signature of a vehicle is simulated, and a mine is fooled into activation.

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