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(57) Abstract :

The Invention relates to a ferrous collector machine which can be used to collect the ferrous particles lying on the machine shop floor or roads near a construction sites. The machine comprising of a magnetized roller (8), the inner periphery of the roller being distributed with fine particles of magnet that creates a magnetic field; a main shaft (5) passes through the roller and two ends of the shaft being connected to the wheels wrapped with tyres (10); a ferrous particle collector (1) is disposed to collect the ferrous particles; a ferrous particle separator (9) configured in between the roller (8) and the collector (1) by use of two links (11). As the machine moves by using a handle on the surface having ferrous particles lying on it, the ferrous particles are attached by the roller (8). The ferrous particles on the roller (8) are separated by the separator (9). The separated ferrous particles are collected in a collector (1). A joint strip connects the shaft of magnetized roller (8) and ferrous particle collector (1). Fig.11

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