



SCROLL COMPRESSOR

ABSTRACT OF THE DISCLOSURE

A orbiting scroll 2 is made of an alloy having a composition of 8-10% by weight of silicon, 2-5% by weight of copper, 0.5-0.8% by weight of magnesium, and remaining percentage of aluminum. The key slots 9 of the orbiting scroll 2 are coated with a layer of hard alumite impregnated by molybdenum disulfide to thereby provide the orbiting scroll 2 with sufficient mechanical strength to stand severe operating conditions and to drastically decrease the frictional abrasion of the key slots.