ABSTRACT

A method of protecting a roller crusher (1), having two rollers (2) separated by a gap (3), from uncrushable objects (T) is disclosed. The method comprises the steps of: detecting an uncrushable object (T) in an in-feed stream of material (M), opening a gap(3)between said rollers to a by-pass width, which is significantly larger than an operational width, such that said uncrushable object is permitted to pass through said gap (3), restricting an in-feed (4) to said gap (3), such that material is fed to said gap (3) at a restricted in-feed rate, determining that said uncrushable object(T)has passed through said gap (3), reducing said gap (3) to said operational width, and opening said in-feed (4) to said gap (3), such that material (M) is fed to said gap (3) at an operational in-feed rate.A roller crusher (1) having a protective system for protecting the roller crusher(1) from uncrushable objects (T)is also disclosed.

Fig. 2