CLAIMS

1. A steel cable anti-stripping device (4), characterized in that,

the steel cable anti-stripping device (4) is suitable to be fixedly installed on a base (2), on which a cable wheel (1) that is wound with a steel cable (5) inside its cable groove (6) is rotatably installed; and the steel cable anti-stripping device (4) is so configured that a portion thereof covers the outer peripheral of the cable wheel (1), so as to prevent the steel cable (5) from moving out of the cable groove (6) of the cable wheel (1),

a gap between the steel cable anti-stripping device (4) and the outermost surface of the outer peripheral portion of the cable wheel (1) is 2 mm or less, and

a gap between the steel cable anti-stripping device (4) and the outer surface of the outermost steel cable (5) is 3 mm or less.

2. The steel cable anti-stripping device (4) as claimed in claim 1, characterized in that,

there are two steel cable anti-stripping devices (4) corresponding to an entrance where the steel cable (5) enters the cable groove and an exit where the steel cable leaves the cable groove, wherein the entrance is a place where the steel cable (5) enters the cable groove (6), and the exit is a place where the steel cable (5) comes out of the cable groove (6).

3. The steel cable anti-stripping device (4) as claimed in any one of claims 1or2, characterized in that,

the steel cable anti-stripping device (4) is provided on a flange (7) arranged on the base (2).

4. The steel cable anti-stripping device (4) as claimed in any one of claims 1or2, characterized in that,

the steel cable anti-stripping device (4) is formed to have an L-shaped cross section, one side of the L-shape being fixed to the base (2) by a fixing mechanism.

5. An elevator speed limiter (10) for use in an elevator, characterized by comprising:

a base (2);

a speed limiter cable wheel (1) rotatably mounted on the base (2);

an actuating switch (3) of the speed limiter;

a steel cable (5) wrapped in a cable groove (6) of the speed limiter cable wheel (1); and

a steel cable anti-stripping device (4) according to any one of claims 1-4mounted on the base (2).