

## Method of determining the position of a moving part of a device or object and system for determining the position of a moving part of a device or object

### Description of the solution:

The method and arrangement according to the invention are particularly applicable, for a mine drilling vehicle, to determine the position of the drill frame for the precise drilling of blast holes. Furthermore, in the solution according to the invention, there is no need for multiple sensors embedded in the individual elements of the kinematic chain, as a result of which the susceptibility to mechanical damage, to which mining equipment used in drilling operations is particularly exposed, is reduced.

### Benefits of the solution:

- Determining the position of a moving part of an equipment or object even in the highly dusty conditions found in mines.

### Area of application:

Mining (blasthole drilling).

### Technology readiness level:

7

### Intellectual property:

Invention: PAT.231928

### Owner:

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