

Title (en)

Positioning device.

Title (de)

Positioniereinrichtung.

Title (fr)

Dispositif de positionnement.

Publication

**EP 0388937 B1 19950614 (DE)**

Application

**EP 90105373 A 19900321**

Priority

DE 3909745 A 19890323

Abstract (en)

[origin: EP0388937A1] A positioning device for a unit, for example a serving robot, carriage or waggon, which can be moved along a track and is to be positioned at at least one predetermined point along the track, the positioning device consisting of at least one inductive or capacitive sensor, is characterised in that the predetermined point (34) is determined by a mark (18, 20) which brings about a change in the permeability or the dielectric constants in the detection range of the sensor, in that two sensors (14, 16) at a distance from one another in the travelling direction are provided, each sensor generating an analog signal (42, 44) which corresponds to the change, and in that the two signals are substrated from one another and a switching signal which corresponds to the predetermined point (34) being reached is obtained from the differential signal (46). <IMAGE>

IPC 1-7

**D01H 13/00**; **B65H 54/26**

IPC 8 full level

**B65H 67/06** (2006.01); **B65H 54/26** (2006.01); **B65H 69/00** (2006.01); **D01H 13/00** (2006.01); **D01H 15/013** (2006.01)

CPC (source: EP)

**B65H 54/26** (2013.01); **D01H 13/005** (2013.01); **B65H 2701/31** (2013.01)

Cited by

EP0555029A1; DE102007048721A1; DE4117954A1; US5768876A; CN107416594A; EP0534897A1; EP3461939A1; CN109576838A

Designated contracting state (EPC)

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