

Title (en)
AUTONOMOUS PAINTING ROBOT AND CONTROL METHOD

Title (de)
AUTONOMER LACKIERROBOTER UND STEUERVERFAHREN

Title (fr)
ROBOT PEINTRE AUTONOME ET PROCÉDÉ DE COMMANDE

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Application
EP 18736922 A 20180709

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Abstract (en)
[origin: WO2019016016A1] The invention relates to an autonomous painting robot (10) for painting inside (2) walls (8), comprising: a main body (12), a transverse direction T, a support polygon (40) defined by wheels (16) of the robot (10), a paint (46) sprayer (22) configured to spray paint (46) in the transverse direction T, said sprayer (22) being disposed in the transverse continuation of the support polygon; a vertical slide (26) connecting the sprayer (22) to the body (12) in a sliding manner, said robot being noteworthy in that it also comprises a vertical space (28) transversely separating the slide (26) from the body (12), and in that it comprises a joint (30) transversely connecting the slide (26) to the body (12), the joint (30) forming a solid that continues the body (12) and extends exclusively outside the support polygon (40).

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Citation (search report)
See references of WO 2019016016A1

Cited by
CN114653511A; EP4282597A1; DE102022113096A1

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