

Title (en)

ROBOTIC MACHINE FOR PAINTING WIND TURBINE TOWERS AND SIMILAR STRUCTURES

Title (de)

ROBOTERMASCHINE ZUM LACKIEREN VON WINDTURBINENTÜRMEN UND ÄHNLICHEN STRUKTUREN

Title (fr)

MACHINE ROBOTISÉE POUR PEINDRE DES TOURS D'AÉROGÉNÉRATEURS ET DE STRUCTURES SIMILAIRES

Publication

**EP 2857109 A1 20150408 (EN)**

Application

**EP 13793711 A 20130522**

Priority

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Abstract (en)

The invention relates to a robotic machine for painting wind turbine towers and similar structures. The machine comprises a booth (2) having a configuration and dimensions suitable for receiving therein the tower (3) to be painted and includes an inner longitudinal structure (5) along which the paint gun (4) of a robot moves. The exterior of the booth (2) is provided with tanks (7) for paint, impulse pumps (8) and pressure pumps (9) which convey the paint to the gun (4). In addition, the interior of the booth (2) comprises a rotary supporting system (10) which supports the tower (3) and rotates same and which, by controlling a user interface with specific software, synchronises with the movement of the paint gun (4) along the longitudinal structure (5).

IPC 8 full level

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Cited by

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