

Title (en)

Method and robot platform for washing, sandblasting and painting in shipbuilding dry dock.

Title (de)

Verfahren und Robotplattform zum Waschen, Sandstrahlen und Streichen in einem Schiffsdock.

Title (fr)

Méthode et plate-forme robot pour le lavage, le sablage et la peinture dans une cale sèche.

Publication

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Application

EP 85830133 A 19850604

Priority

IT 8337384 A 19840622

Abstract (en)

A robot platform for washing, sandblasting and painting in shipbuilding dry dock, comprising three operative units respectively: washing unit with washing nozzles (13), sandblasting unit with sandblasting guns (8) provided with dust recovery means (10), and painting unit on trolley means which moves backwards and forwards at one side of the platform (11) provided with respective spray guns (12); at least one robot computerized control and programming unit and detecting means of the surface to be treated (15) in order to remote-control and move automatically or by operator the above-described assembly for performing the washing, sandblasting, and painting operations on the correspondent broadside surface of the vessel concerned (S). Said structure is particularly useful for the automation of the plant thereby dispensing with the need for labor on the platform with all the attendant economical, ecologic, and safety advantages.

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CPC (source: EP)

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Cited by

CN115195950A; EP0760336A1; FR2802127A1; FR2603219A1; CN113173229A; US5720069A; ITMO20100263A1; JP2013544689A; EP0597643A1; TR28932A; CN108127571A; CN113997206A; EP1103310A1; FR2612875A1; CN100457545C; US11027396B2; US9522412B2; WO2018006547A1; WO2012038806A3; WO9851452A1; WO9748527A1; US10780550B2; US11964362B2; WO9423993A1; WO0141938A3; WO2023115538A1

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