

Title (en)
SYSTEM AND METHOD FOR CONTROLLING THE QUALITY OF AN OBJECT

Title (de)
SYSTEM UND VERFAHREN ZUR QUALITÄTSKONTROLLE EINES OBJEKTS

Title (fr)
SYSTÈME ET PROCÉDÉ DE CONTRÔLE DE LA QUALITÉ D'UN OBJET

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Application
EP 12775479 A 20121016

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Abstract (en)
[origin: WO2013057115A1] The invention relates to a system for controlling the quality of an object leaving a production facility. According to the invention, the system comprises: a chamber including an inlet port through which the object to be inspected is inserted into the chamber and at least one outlet port, said chamber having an inspection zone (5); a transport device for conveying the object to be inspected into the inspection zone (5) and for releasing same through the at least one outlet port; a weighing apparatus (7) for weighing the object in the inspection zone (5); an assembly for the contact-free dimensional measuring of the object in the inspection zone (5); and an assembly for analysing the structure of the object in the inspection zone (5) by means of laser beams and/or X-rays. The aforementioned chamber is made from a material that is opaque for the wavelengths of the laser beams during operation and the X-rays, in order to prevent any radiation leakage.

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Citation (search report)
See references of WO 2013057115A1

Citation (examination)
• US 2006151604 A1 20060713 - ZHU XIAOXUN [US], et al
• WO 2009073014 A1 20090611 - LOCKHEED CORP [US], et al

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