

Title (en)

METHOD FOR CHECKING THE SECURITY OF A TECHNICAL UNIT

Title (de)

VERFAHREN ZUR SICHERHEITSÜBERPRÜFUNG EINER TECHNIKEINHEIT

Title (fr)

PROCÉDÉ POUR LE TEST DE SÉCURITÉ D'UN MODULE TECHNIQUE

Publication

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Application

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Priority

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- AT 2020060234 W 20200609

Abstract (en)

[origin: WO2020247993A1] The invention relates to a method for checking the security of a technical unit (1), wherein at least one first plausible model variant and, as applicable, a number of alternative model variants are determined, the method being performed on a test computer system (2) and comprising the following steps: assigning known weak points to components of the model variants; defining an attack target; creating at least one attack model for each model variant on the basis of the attack target; weighting the nodes of the attack model in respect of at least one assessment variable; determining an assessment of at least one test vector of the attack model in respect of the assessment variable; determining a security value as pessimal value of all assessments; and outputting a security confirmation if the security value complies with a security criterion.

IPC 8 full level

G06F 21/57 (2013.01)

CPC (source: AT CN EP IL KR US)

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Citation (search report)

See references of WO 2020247993A1

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