

Title (en)  
SERVER DEVICE OPERATING A PIECE OF SOFTWARE FOR CONTROLLING A FUNCTION OF A RAIL TRANSPORT SAFETY SYSTEM

Title (de)  
SERVEREINRICHTUNG BETREIBEND EINE SOFTWARE ZUR STEUERUNG EINER FUNKTION EINES SCHIENENGEBUNDENEN TRANSPORTSICHERUNGSSYSTEMS

Title (fr)  
DISPOSITIF SERVEUR EXÉCUTANT UN LOGICIEL DE COMMANDE D'UNE FONCTION D'UN SYSTÈME SUR RAIL DE PROTECTION DU TRANSPORT

Publication  
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Application  
**EP 17720733 A 20170424**

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Abstract (en)  
[origin: WO2017186629A1] A server device (1; 30), operating a piece of software for controlling a function of a rail transport safety system, wherein the software (11, 12, 13; 31, 32, 33) operates at least two processes (11a-11b; 12a-12b; 13a-13b; 31a-31c; 32a-32c; 33a-33c) physically separately from one another, the results of which are compared with one another in order to perform control of the function, is characterized in that the software (11, 12, 13; 31, 32, 33) is operated on a virtual operating level of the server device (1; 30), in that the server device (1; 30) comprises at least two physically separate server clusters (SC1, SC2, SC3), and in that the software (11, 12, 13; 31, 32, 33) comprises at least two parts that are installed on different server clusters from the at least two server clusters (SC1, SC2, SC3), so that the at least two processes (11a-11 b; 12a-12b; 13a- 13b; 31a-31c; 32a-32c; 33a-33c) are operated on different server clusters from the at least two server clusters (SC1, SC2, SC3). The invention provides a server device in which improved availability of a software application can be ensured amid simultaneously high dependability of the rail transport.

IPC 8 full level  
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CPC (source: EP)  
**B61L 19/06** (2013.01); **B61L 27/30** (2022.01); **B61L 2019/065** (2013.01)

Citation (search report)  
See references of WO 2017186629A1

Cited by  
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DOCDB simple family (publication)  
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