

Title (en)

DEVICE FOR CONTROLLING A SAFETY-CRITICAL PROCESS

Title (de)

VORRICHTUNG ZUM STEuern EINES SICHERHEITSKRITISCHEN PROZESSES

Title (fr)

DISPOSITIF DE COMMANDE D'UN PROCESSUS DE SÉCURITÉ CRITIQUE

Publication

**EP 4229485 A1 20230823 (DE)**

Application

**EP 21791383 A 20211014**

Priority

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- EP 2021078524 W 20211014

Abstract (en)

[origin: WO2022084161A1] The invention relates to a device (10) and a method (100) for controlling a safety-critical process on a technical plant. A first protected signal unit (12) and a second protected signal unit (14), which are connected to the safety-critical process (20) by input-output channels (18), are configured to safely communicate with one another on a logical level in order to control the safety-critical process (20). The physical connection is implemented via a mains supply (16).

IPC 8 full level

**G05B 9/02** (2006.01)

CPC (source: EP US)

**G05B 9/02** (2013.01 - EP); **G05B 19/0425** (2013.01 - EP); **G05B 19/406** (2013.01 - US); **G05B 2219/24028** (2013.01 - EP); **G05B 2219/25462** (2013.01 - EP); **G05B 2219/50193** (2013.01 - US)

Citation (search report)

See references of WO 2022084161A1

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