

Title (en)

CONTROL SYSTEM FOR A TECHNICAL INSTALLATION WITH A VISUALLY CODED TREND CURVE DIAGRAM

Title (de)

LEITSYSTEM FÜR EINE TECHNISCHE ANLAGE MIT VISUELL CODIERTEM TRENDKURVENDIAGRAMM

Title (fr)

SYSTÈME DE GUIDAGE POUR UNE INSTALLATION TECHNIQUE À DIAGRAMME DE COURBE DE TENDANCE À CODAGE VISUEL

Publication

EP 4045989 A1 20220824 (DE)

Application

EP 20816108 A 20201112

Priority

- EP 19209040 A 20191114
- EP 2020081960 W 20201112

Abstract (en)

[origin: WO2021094482A1] A control system (6) for a technical installation is proposed, which control system has at least an operator station server (7) and an operator station client (8), which operator station server (7) has a visualization service (17) for outputting image information to the operator station client (8), wherein the operator station server (7) is designed to use a first measured value associated with a first technical object (13) of the technical installation and a second measured value associated with a second technical object (14) of the technical installation to generate a scatter diagram (1) with at least one operating point (A1, A2, A3, A4, A5) visualized in the scatter diagram (1), and wherein the operator station server (7) is designed to transmit the scatter diagram (1) with the at least one operating point (A1, A2, A3, A4, A5) to the operator station client (8) by means of the visualization service (17). The control system (6) is characterized in that the control system (6) is designed to provide the at least one operating point (A1, A2, A3, A4, A5) with a visual coding which is generated on the basis of an alarm status and/or a quality status of the first measured value associated with the at least one operating point and of the second measured value.

IPC 8 full level

G05B 23/02 (2006.01); **G05B 19/418** (2006.01)

CPC (source: EP US)

G05B 15/02 (2013.01 - US); **G05B 23/0216** (2013.01 - EP); **G05B 19/4184** (2013.01 - EP US); **G05B 23/0216** (2013.01 - US); **G05B 2219/24103** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3822724 A1 20210519; CN 114730183 A 20220708; EP 4045989 A1 20220824; US 2022382230 A1 20221201; WO 2021094482 A1 20210520

DOCDB simple family (application)

EP 19209040 A 20191114; CN 202080079036 A 20201112; EP 2020081960 W 20201112; EP 20816108 A 20201112; US 202017775995 A 20201112