Title (en)

METHOD FOR IDENTIFYING INDUSTRIAL CABLES

Title (de)

VERFAHREN ZUR IDENTIFIKATION VON INDUSTRIEKABELN

Title (fr)

PROCÉDÉ D'IDENTIFICATION DE CÂBLES INDUSTRIELS

Publication

EP 4070264 A1 20221012 (DE)

Application

EP 20824444 A 20201125

Priority

- DE 102019133193 A 20191205
- DE 2020100999 W 20201125

Abstract (en)

[origin: WO2021110208A1] In order for a supplier of industrial cables to reduce personnel costs and to guarantee customers a consistently high quality standard promptly and reliably, even for global data traffic, a method for identifying industrial cables, comprising the following steps, is proposed: a. automatic visual identification of multiple different components (10, 2, 3, 3', 3") of an industrial cable (100), from at least one image file; b. analysis of the geometric relationships and/or functional connections between the components (10, 2, 3, 3', 3"); c. extraction of individual characteristics of the components (10, 2, 3, 3', 3") from the image file using information obtained in step b. A combination of the visual analysis with existing knowledge, also with the possible option of adding trained knowledge, allows an extremely reliably-functioning method for recognising industrial cables to be provided.

IPC 8 full level

G06Q 30/06 (2012.01); **G06K 9/00** (2022.01); **G06Q 50/10** (2012.01)

CPC (source: EP US)

G06F 18/24133 (2023.01 - EP); **G06Q 30/0627** (2013.01 - EP); **G06Q 50/10** (2013.01 - EP US); **G06T 7/60** (2013.01 - US); **G06V 10/454** (2022.01 - EP US); **G06V 10/764** (2022.01 - US); **G06V 20/60** (2022.01 - US); **G06V 20/64** (2022.01 - EP US)

Citation (search report)

See references of WO 2021110208A1

Designated contracting state (EPC)

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