

Title (en)

METHOD FOR MANAGING OPERATING DATA IN A TEXTILE APPARATUS PROVIDED WITH A PLURALITY OF YARN FEEDERS

Title (de)

VERFAHREN ZUR VERWALTUNG VON BETRIEBSDATEN IN EINER TEXTILVORRICHTUNG MIT MEHREREN
FADENLIEFERVORRICHTUNGEN

Title (fr)

PROCÉDÉ DE GESTION DE DONNÉES DE FONCTIONNEMENT DANS UN APPAREIL TEXTILE POURVU D'UNE PLURALITÉ DE
FOURNISSEURS DE FIL

Publication

EP 4202097 A1 20230628 (EN)

Application

EP 22208769 A 20221122

Priority

IT 202100031934 A 20211221

Abstract (en)

A for managing operating data in a textile apparatus is provided with a textile machine (KM' and KM'') fed by a plurality of yarn feeders (A1', A2', ..., An' and A1'', A2'', ..., An'', B1', B2', ..., Bn' and B1'', B2'', ..., Bn'') connected, in order to exchange operating data, to a field bus (FB', FB'') which is connected to a local network (FN) by means of a gateway (GW', GW''). The gateway (GW', GW'') is programmed to read periodically from the yarn feeders (A1', A2', ..., An', B1', B2', ..., Bn' and A1'', A2'', ..., An'', B1'', B2'', ..., Bn'') operating data related to process parameters and send them to a server (SS) which is programmed to organize and log the operating data in a database (DB) for subsequent maintenance and/or predictive and/or diagnostic analyses.

IPC 8 full level

D04B 15/99 (2006.01); **D04B 35/10** (2006.01); **D04B 15/48** (2006.01)

CPC (source: CN EP)

D04B 15/48 (2013.01 - CN EP); **D04B 15/99** (2013.01 - EP); **D04B 35/10** (2013.01 - EP)

Citation (applicant)

- EP 3608460 A1 20200212 - LGL ELECTRONICS SPA [IT]
- EP 3257984 A1 20171220 - LGL ELECTRONICS SPA [IT]
- IT 202100031934 A 20211221

Citation (search report)

- [XA] WO 2017115242 A1 20170706 - B TSR INT SPA [IT]
- [IA] DE 10223753 A1 20031106 - SIEMENS AG [DE]
- [A] EP 2857337 A1 20150408 - LGL ELECTRONICS SPA [IT]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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