

Title (en)

METHOD FOR OPTIMISING THE DESIGN OF MOTOR DRIVE SECTIONS

Title (de)

VERFAHREN ZUM OPTIMIEREN DER AUSLEGUNG VON MOTORISCHEN ANTRIEBSSTRECKEN

Title (fr)

PROCEDE PERMETTANT D'OPTIMALISER LA CONCEPTION DE SECTIONS DE COMMANDE A MOTEUR

Publication

EP 1379926 A2 20040114 (DE)

Application

EP 02714153 A 20020208

Priority

- DE 10120943 A 20010420
- EP 0201319 W 20020208

Abstract (en)

[origin: WO02086638A2] The invention relates to a method for optimising the design of motor drive sections (1) with the aid of a computer (3) which is provided with storage means (2) and which is used to calculate the parameters of drive components (4,5) using a predefinable set of data (6) which represents the load to which the drive components are subjected. The invention is characterised in that the set of data (6) used to calculate said parameters is automatically determined, taking into account real load data (7) which is collected by corresponding sensors (8,9) on installed and operational drive sections (1) and which is electrically transferred (10) to the computer unit (3).

IPC 1-7

G05B 19/418

IPC 8 full level

H02P 29/00 (2006.01); **G05B 19/418** (2006.01)

CPC (source: EP US)

G05B 19/41885 (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Citation (search report)

See references of WO 02086638A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02086638 A2 20021031; **WO 02086638 A3 20030912**; DE 10120943 A1 20021114; DE 10120943 B4 20050210; EP 1379926 A2 20040114; JP 2004524797 A 20040812; US 2004210352 A1 20041021

DOCDB simple family (application)

EP 0201319 W 20020208; DE 10120943 A 20010420; EP 02714153 A 20020208; JP 2002584098 A 20020208; US 47497304 A 20040510