

Title (en)

Method and device for transferring signals from a positioning device to an evaluation unit

Title (de)

Verfahren und Vorrichtung zur Übertragung von Signalen von einer Positionsmesseinrichtung zu einer Auswerteeinheit

Title (fr)

Procédé et dispositif de transmission de signaux d'un dispositif de mesure de position vers une unité d'évaluation

Publication

EP 2017678 B2 20190529 (DE)

Application

EP 08007259 A 20080412

Priority

DE 102007033009 A 20070712

Abstract (en)

[origin: EP2017678A1] The transmission of rectangular position signals with reference pulses to an evaluation unit, for two moving machine tool components, the reference pulses (RI) are coupled to the position signals (P1,P2). When there is a faulty condition, a warning signal (WRN) is generated.

IPC 8 full level

G03G 15/00 (2006.01); **G06F 3/041** (2006.01)

CPC (source: EP US)

G03G 15/50 (2013.01 - EP US)

Citation (opposition)

Opponent :

- EP 1271107 A1 20030102 - HEIDENHAIN GMBH DR JOHANNES [DE]
- DE 19639316 A1 19980326 - HEIDENHAIN GMBH DR JOHANNES [DE]
- DE 202005018989 U1 20070412 - PEPPERL & FUCHS [DE]
- JP S6450785 A 19890227 - YASKAWA DENKI SEISAKUSHO KK
- DE 3323281 C2 19870521

Cited by

EP2804059A3; EP3382348A1; US9213499B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2017678 A1 20090121; EP 2017678 B1 20090930; EP 2017678 B2 20190529; AT E444503 T1 20091015; CN 101344388 A 20090114; CN 101344388 B 20121114; DE 102007033009 A1 20090115; DE 502008000126 D1 20091112; JP 2009020112 A 20090129; JP 5490381 B2 20140514; US 2009015423 A1 20090115; US 7847704 B2 20101207

DOCDB simple family (application)

EP 08007259 A 20080412; AT 08007259 T 20080412; CN 200810131582 A 20080711; DE 102007033009 A 20070712; DE 502008000126 T 20080412; JP 2008181273 A 20080711; US 21785008 A 20080709