

Title (en)

Determination and reconstruction of load changes in lifting devices

Title (de)

Bestimmung und Rekonstruktion von Laständerungen an Hebezeugen

Title (fr)

Détermination et reconstruction de modifications de charge sur des engins de levage

Publication

**EP 2123589 B1 20131218 (DE)**

Application

**EP 09159387 A 20090505**

Priority

DE 102008024215 A 20080519

Abstract (en)

[origin: EP2123589A1] The method involves determining change in load on lifting gear based on load curve data at transition point of gradient of load curve plotted using data of load on lifting gear. The load curve is segmented into discrete-time observation intervals at the transition points based on changes in gradient.

IPC 8 full level

**B66C 13/16** (2006.01); **B66C 15/00** (2006.01)

CPC (source: EP KR US)

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**EP 2123589 A1 20091125; EP 2123589 B1 20131218;** CA 2666015 A1 20091119; CA 2666015 C 20110726; CN 101585485 A 20091125; CN 101585485 B 20130529; DE 102008024215 A1 20091203; DE 102008024215 B4 20150820; ES 2451506 T3 20140327; JP 2010006607 A 20100114; JP 5396148 B2 20140122; KR 101108325 B1 20120125; KR 20090120428 A 20091124; US 2009287381 A1 20091119; US 8200401 B2 20120612

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**EP 09159387 A 20090505;** CA 2666015 A 20090515; CN 200910138782 A 20090511; DE 102008024215 A 20080519; ES 09159387 T 20090505; JP 2009120627 A 20090519; KR 20090043670 A 20090519; US 46758509 A 20090518