

Title (en)
CO-OPERATIVE LOCK SYSTEM

Title (de)
KOOOPERATIVES SCHLOSSSYSTEM

Title (fr)
SYSTÈME DE VERROUILLAGE COOPÉRATIF

Publication
EP 3207536 B1 20181107 (EN)

Application
EP 15794605 A 20151005

Priority
• GB 201418139 A 20141014
• GB 2015000281 W 20151005

Abstract (en)
[origin: GB2531274A] A lock with sensors that detect when an attempt is made to force the lock and trigger an alarm having a transmitter and receiver system within the lock which transmits the signal to equivalent nearby locks. When this signal is received by the adjacent lock, the alarm on that lock is triggered and transmits a signal to other nearby locks and so on. If the alarm is an audible alarm then the tone of the alarm may increase as the alarm signal is relayed outwards thus allowing people to follow the noise to the original alarm. The alarm signal may also be sent to a mobile phone or tablet or sent to a central security base. A global navigation satellite system (GNSS) or global positioning system (GPS) may be used to record the position of the lock. The lock may have a sensor for detecting other emergency situations e.g. a gas leak. This is then also relayed to adjacent locks. Preferably this cluster lock system is used on yachts on moorings or in a marina.

IPC 8 full level
G08B 13/22 (2006.01)

CPC (source: EP GB)
E05B 45/00 (2013.01 - GB); **G08B 13/00** (2013.01 - GB); **G08B 13/22** (2013.01 - EP); **G08B 17/00** (2013.01 - GB); **G08B 21/00** (2013.01 - GB); **G08B 21/12** (2013.01 - GB); **G08B 25/00** (2013.01 - GB); **G08B 13/06** (2013.01 - EP)

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