

Title (en)  
MARKING APPARATUS HAVING ENHANCED FEATURES FOR UNDERGROUND FACILITY MARKING OPERATIONS, AND ASSOCIATED METHODS AND SYSTEMS

Title (de)  
MARKIERUNGSVORRICHTUNG MIT ERWEITERTEN MERKMALEN FÜR MARKIERUNGSOPERATIONEN UNTERIRDISCHER ANLAGEN UND DIESBEZÜGLICHE VERFAHREN UND SYSTEME

Title (fr)  
APPAREIL DE MARQUAGE À FONCTIONS AMÉLIORÉES POUR DES OPÉRATIONS DE MARQUAGE D'INSTALLATIONS SOUTERRAINES ET SYSTÈMES ET PROCÉDÉS ASSOCIÉS

Publication  
**EP 2396757 A1 20111221 (EN)**

Application  
**EP 10706808 A 20100211**

Priority

- US 2010000389 W 20100211
- US 56808709 A 20090928
- US 15157409 P 20090211
- US 23211209 P 20090807
- CA 2691707 A 20100210
- US 53949709 A 20090811

Abstract (en)  
[origin: WO2010093451A1] Marking information relating to use of a marking device to perform a marking operation may be acquired from one or more input devices, logged/stored in local memory of a marking device, formatted in various manners, processed and/or analyzed at the marking device itself, and/or transmitted to another device (e.g., a remote computer/server) for storage, processing and/or analysis. In one example, a marking device may include one or more environmental sensors and/or operational sensors, and the marking information may include environmental information and operational information derived from such sensors. Environmental and/or operational information may be used to control operation of the marking device, assess out-of-tolerance conditions in connection with use of the marking device, and/or provide alerts or other feedback. Additional enhancements are disclosed relating to improving the determination of a location (e.g., GPS coordinates) of a dispensing tip of the marking device during use, a group/solo mode, and tactile functionality of a user interface.

IPC 8 full level  
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CPC (source: EP)  
**G01C 15/06** (2013.01); **G06Q 50/06** (2013.01); **G06Q 50/08** (2013.01)

Citation (search report)  
See references of WO 2010093451A1

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