

Title (en)

FASTENER INSTALLATION SYSTEM AND METHOD

Title (de)

BEFESTIGUNGSINSTALLATIONSSYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ D'INSTALLATION DE FIXATION

Publication

EP 3577317 A4 20210407 (EN)

Application

EP 18748800 A 20180205

Priority

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- CA 2018000024 W 20180205

Abstract (en)

[origin: WO2018141052A1] A fastener installation system comprising an SDS drill, an impact mechanism, an adapter, and a hammer socket. A method of installing a fastener into a receiving surface using an SDS drill. The method comprising the steps of drilling a hole in a receiving surface, hammering an anchor into the hole in the receiving surface, rotating the nut of the anchor towards a tightened position by using a socket mounted in the chuck of the SDS drill, and tightening the nut of the anchor by using a rotationally operable impact mechanism.

IPC 8 full level

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Citation (search report)

- [XY] US 2012074659 A1 20120329 - FANOURGIAKIS GEORGE [US], et al
- [XI] DE 19811458 A1 19990923 - HALAMAY HUBERT [DE]
- [XI] DE 102007058772 A1 20090610 - FISCHERWERKE GMBH & CO KG [DE]
- [XI] US 2008286061 A1 20081120 - LEFEBVRE RICHARD [US]
- [XI] DE 9002569 U1 19910110
- [Y] US 5992538 A 19991130 - MARCENGILL RICHARD L [US], et al
- [Y] EP 0348545 A1 19900103 - SELL RUDOLF
- See references of WO 2018141052A1

Designated contracting state (EPC)

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