

Title (en)

LANCE DEVICE WITH RECIPROCATING DRIVE

Title (de)

LANZENVORRICHTUNG MIT ANTRIEB ZUR HIN- UND HERBEWEGUNG

Title (fr)

LANCE A COMMANDE A MOUVEMENT ALTERNATIF

Publication

EP 1668307 B1 20071010 (EN)

Application

EP 04774883 A 20040813

Priority

- NL 2004000576 W 20040813
- NL 1024113 A 20030814

Abstract (en)

[origin: US2007057418A1] A lance device comprising a frame, guide and drive connected to the frame for moving the lance in the longitudinal direction relative to the frame. The drive of the lance is a reciprocating drive, allowing stepwise driving of the lance.

IPC 8 full level

F28G 1/16 (2006.01); **B08B 9/02** (2006.01); **B08B 9/047** (2006.01); **F28G 15/04** (2006.01)

CPC (source: EP US)

B08B 9/0323 (2013.01 - EP US); **B08B 9/0325** (2013.01 - EP US); **B08B 9/043** (2013.01 - EP US); **B08B 9/0433** (2013.01 - EP US); **F28G 1/163** (2013.01 - EP US); **F28G 15/04** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

WO 2005017438 A1 20050224; AT E375492 T1 20071015; CY 1107797 T1 20130619; DE 602004009461 D1 20071122; DE 602004009461 T2 20080313; DK 1668307 T3 20080204; EP 1668307 A1 20060614; EP 1668307 B1 20071010; ES 2291942 T3 20080301; HK 1096144 A1 20070525; JP 2007502396 A 20070208; NL 1024113 C2 20050215; PL 1668307 T3 20080331; PT 1668307 E 20071205; US 2007057418 A1 20070315

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