

Title (en)

Crutch with load measuring device

Title (de)

Krücke mit Belastungsmesseinrichtung

Title (fr)

Béquille avec dispositif pour mesurer la charge

Publication

EP 1040811 A3 20020327 (DE)

Application

EP 00106047 A 20000329

Priority

DE 19915603 A 19990407

Abstract (en)

[origin: EP1040811A2] The crutch, for use by the disabled, has a loading force meter at the foot of the crutch, connected electrically through the crutch shaft to an indicator at the handgrip. The indicator also has a signal generator to give a signal if the force on the foot deviates from an adjustable nominal value by a given amount. The indicator gives a visual display and an acoustic signal. The member at the crutch foot is a pressure socket to register the weight applied.

IPC 1-7

A61H 3/02

IPC 8 full level

A61H 3/02 (2006.01)

CPC (source: EP)

A61H 3/02 (2013.01); **A61H 2230/62** (2013.01)

Citation (search report)

- [Y] US 4858125 A 19890815 - WASHIZUKA ISAMU [JP], et al
- [Y] FR 2638340 A1 19900504 - UNIV CLERMONT FERRAND II [FR]
- [A] DE 2602616 B1 19770421 - PRONTOR WERK GAUTHIER GMBH
- [Y] PATENT ABSTRACTS OF JAPAN vol. 018, no. 204 (C - 1189) 11 April 1994 (1994-04-11)

Cited by

DE10160537A1; US7066864B2; US10849395B2; WO03002218A1; US7610802B2; US9168418B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1040811 A2 20001004; EP 1040811 A3 20020327; EP 1040811 B1 20041020; AT E279898 T1 20041115; DE 19915603 C1 20001005; DE 50008282 D1 20041125; ES 2229981 T3 20050501

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