

Title (en)

A chalk line device with means for preventing chalk line breakage

Title (de)

Kreidelinienvorrichtung mit einer Vorrichtung zum Verhindern von Schnurbruch

Title (fr)

Dispositif de cordeau traceur ayant un mécanisme pour prévenir la rupture du cordeau

Publication

**EP 2420388 A1 20120222 (EN)**

Application

**EP 10173271 A 20100818**

Priority

EP 10173271 A 20100818

Abstract (en)

The invention relates to a chalk line device (1) comprising a retracting device (5) which is linked to a spool (4) via a set of gears (9), and a chalk line which is attached to said spool (4) and which may either be coiled onto said spool (4) or uncoiled from said spool (4). Said set of gears (9) and said spool (4) being rotatably disposed inside a housing (2a, 2b) to rewind the uncoiled chalk line when said retracting device (5) transmits a force onto said spool (4) via said set of gears (9). When said spool (4) is exposed to a torque which exceeds a threshold value, at least one force transmitting link between said retracting device (5) and said spool (4) disconnects.

IPC 8 full level

**B44D 3/38** (2006.01); **B65H 75/40** (2006.01); **B65H 75/44** (2006.01)

CPC (source: EP)

**B44D 3/38** (2013.01); **B65H 75/406** (2013.01); **B65H 75/4418** (2013.01); **B65H 75/4494** (2013.01); **B65H 2701/357** (2013.01); **B65H 2701/537** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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