

Title (en)

Chainsaw protective trousers or chaps

Title (de)

Kettensägeschutzhosen oder -beinschützer

Title (fr)

Pantalons et jambières de protection pour scie à chaîne

Publication

EP 2409585 A3 20121010 (EN)

Application

EP 11174947 A 20110721

Priority

GB 201012200 A 20100721

Abstract (en)

[origin: EP2409585A2] Trousers 10, 20 or chaps 40 for use by operators of chainsaws include a shell 36, 36' made from a relatively elastic material such as a warp knitted synthetic fabric, a layered filling 30 of loose protective fibres which may be contained in an envelope 31, and a patch 16, 16' of relatively inelastic heat resistant material such as a meta aramid extending over the front and side of a thigh region of one or each of the legs 13, 14, 13' 14'. Preferably the patch is spaced apart from the crotch 32 and fly 12 by an elastic portion 33 of the shell. The patch provides protection from the chainsaw exhaust without compromising flexibility and comfort.

IPC 8 full level

A41D 13/05 (2006.01); **A41D 1/06** (2006.01); **A41D 17/02** (2006.01); **A41D 27/12** (2006.01)

CPC (source: EP)

A41D 1/067 (2013.01); **A41D 13/0543** (2013.01); **A41D 17/02** (2013.01); **A41D 31/245** (2019.01)

Citation (search report)

- [Y] FR 2739759 A1 19970418 - OCI SA [FR]
- [Y] US 2008104743 A1 20080508 - NG RAY [US]
- [YD] US 2004181859 A1 20040923 - LEHMANN ROLF [DE]
- [Y] US 2008098503 A1 20080501 - SWARTZ JOHN A [US]
- [A] US 2010107293 A1 20100506 - KOWAL TIMOTHY [US], et al
- [A] EP 1728442 A1 20061206 - HOTZ ECKHARD [DE]

Cited by

US2018271186A1; JP2018527482A; US11202475B2; EP3231303A1; WO2017050373A1

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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2409585 A2 20120125; EP 2409585 A3 20121010; GB 201012200 D0 20100908

DOCDB simple family (application)

EP 11174947 A 20110721; GB 201012200 A 20100721