

Title (en)
Heat and flame-retardant protective clothing

Title (de)
Hitze- und flammfeste Schutzkleidung

Title (fr)
Vêtement de protection thermostable et ignifuge

Publication
EP 2484823 B2 20170419 (DE)

Application
EP 12000064 A 20120107

Priority
DE 102011010215 A 20110203

Abstract (en)
[origin: EP2484823A2] The fabric has yarn including a total mixture of 43.4 weight percentage of meta aramide, 15 weight percentage of para aramide, 40.6 percentage of viscose flame retardant (FR) and 1 weight percentage of anti-static agent. The fabric is designed as an equilateral cross body 2/2. The fabric is roughened on an inner side facing towards a body of a welder. The yarn includes a two thread twine with a fineness of 38/2. The two thread twine is made of wave yarn or a modified wave yarn from the threads of two different thicknesses.

IPC 8 full level
D03D 15/12 (2006.01); **A41D 31/00** (2006.01); **A62B 17/00** (2006.01); **D03D 13/00** (2006.01)

CPC (source: EP US)
D03D 13/004 (2013.01 - EP); **D03D 13/008** (2013.01 - EP); **D03D 15/513** (2021.01 - EP US); **A41D 31/08** (2019.01 - EP); **D10B 2331/021** (2013.01 - EP); **D10B 2401/063** (2013.01 - EP); **D10B 2501/04** (2013.01 - EP)

Citation (opposition)
Opponent :
• DE 102005021943 A1 20051201 - ROSENBAUER INTERNAT AG LEONDIN [AT]
• EP 0986660 B1 20020814 - BOCO GMBH & CO [DE], et al

Cited by
CN105350131A; CN105113079A; CN105113078A; CN105350132A; CN105350133A; US11905630B2

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

DOCDB simple family (publication)
DE 202011108097 U1 20120103; DE 102011010215 A1 20120809; EP 2484823 A2 20120808; EP 2484823 A3 20130102;
EP 2484823 B1 20140611; EP 2484823 B2 20170419

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DE 202011108097 U 20110203; DE 102011010215 A 20110203; EP 12000064 A 20120107