

Title (en)

FILTERING FACE-PIECE RESPIRATOR HAVING WELDED INDICIA HIDDEN IN PLEAT

Title (de)

ATEMMASKE MIT FILTERNDEM GESICHTSTEIL MIT IN EINER FALTE VERSTECKTEN GESCHWEISSTEN MARKIERUNGEN

Title (fr)

MASQUE RESPIRATOIRE FILTRANT AVEC UNE MARQUE SOUDÉE CACHÉE DANS UN REPLI

Publication

EP 2938405 A4 20160727 (EN)

Application

EP 13868140 A 20131216

Priority

- US 201213727983 A 20121227
- US 2013075330 W 20131216

Abstract (en)

[origin: US2014182600A1] A filtering face-piece respirator 10 that comprises a harness 14 and a mask body 12 that has a pleats 21. The mask body 12 has an indicia 19 located within the pleat 21 in at least a partially non-visible location when the pleat 21 is folded. The indicia 19 is made from a weld pattern and is fully visible when the pleat 21 is unfolded. The fully visible indicia 19 provides an indication to the wearer that the mask body is in its proper unfolded condition. The indicia 19 also includes welded lines that extend normally across the pleat to improve collapse resistance.

IPC 8 full level

A41D 13/11 (2006.01)

CPC (source: EP RU US)

A41D 13/1115 (2013.01 - EP US); **A62B 18/02** (2013.01 - RU)

Citation (search report)

- [X1] JP 2012035006 A 20120223 - CROSSEED KK
- See references of WO 2014105475A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2014182600 A1 20140703; AU 2013368238 A1 20150716; AU 2013368238 B2 20160825; BR 112015015558 A2 20170711; CN 104884131 A 20150902; CN 104884131 B 20180807; EP 2938405 A1 20151104; EP 2938405 A4 20160727; JP 2016507667 A 20160310; JP 6336479 B2 20180606; KR 20150101462 A 20150903; RU 2015126458 A 20170130; RU 2622826 C2 20170620; WO 2014105475 A1 20140703

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