

Title (en)
SURFACE CLEANING APPARATUS

Title (de)
OBERFLÄCHENREINIGUNGSVORRICHTUNG

Title (fr)
APPAREIL DE NETTOYAGE DE SURFACE

Publication
EP 2961305 A4 20161102 (EN)

Application
EP 14756878 A 20140224

Priority

- US 201313779370 A 20130227
- US 201313779404 A 20130227
- US 201313779533 A 20130227
- US 201313779405 A 20130227
- CA 2014000134 W 20140224

Abstract (en)
[origin: WO2014131105A1] A hand carryable surface cleaning apparatus, such as a cyclonic hand vacuum cleaner, is provided wherein the cyclone chamber has two dirt outlets.

IPC 8 full level
A47L 9/16 (2006.01); **A47L 5/22** (2006.01); **A47L 5/24** (2006.01); **A47L 9/12** (2006.01)

CPC (source: EP)
A47L 5/225 (2013.01); **A47L 5/24** (2013.01); **A47L 9/122** (2013.01); **A47L 9/1666** (2013.01); **A47L 9/1683** (2013.01); **A47L 9/322** (2013.01)

Citation (search report)

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- [A] US 2011219576 A1 20110915 - CONRAD WAYNE ERNEST [CA]
- [A] WO 2008070963 A1 20080619 - GBD CORP [BS], et al
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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)
WO 2014131105 A1 20140904; AU 2014223326 A1 20150820; AU 2014223326 B2 20180913; CA 2899653 A1 20140904; CA 2899653 C 20160607; CA 2919941 A1 20140904; CA 2919941 C 20160906; CA 2924492 A1 20140904; CA 2924492 C 20171017; CA 2977233 A1 20140904; CA 2977233 C 20190903; CN 105307552 A 20160203; CN 105307552 B 20181120; EP 2961305 A1 20160106; EP 2961305 A4 20161102; EP 2961305 B1 20210707; JP 2016511671 A 20160421; KR 20150122755 A 20151102; NZ 710606 A 20161028

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