

Title (en)
Method and device for cleaning sails

Title (de)
Verfahren und Vorrichtung zur Reinigung von Segeln

Title (fr)
Procédé et dispositif pour le nettoyage des voiles

Publication
EP 1510609 A3 20051005 (DE)

Application
EP 04019220 A 20040812

Priority
DE 10339020 A 20030825

Abstract (en)
[origin: EP1510609A2] Process for cleaning flat cloth (5) comprises impinging the cloth with a cleaning agent while passing it continuously through a washing device (30). An independent claim is also included for a washing device for carrying out the above process.

IPC 1-7
D06F 9/00; **D06G 1/00**; **B08B 1/02**

IPC 8 full level
B08B 1/02 (2006.01); **B08B 3/02** (2006.01); **D06F 11/00** (2006.01); **D06G 1/00** (2006.01)

CPC (source: EP US)
B08B 1/20 (2024.01 - EP US); **B08B 3/022** (2013.01 - EP US); **D06F 11/00** (2013.01 - EP US); **D06G 1/00** (2013.01 - EP US);
D10B 2507/04 (2013.01 - EP US)

Citation (search report)

- [X] DE 3046733 A1 19820715 - GARDINEN SERVICE GMBH KURT ECK [DE]
- [X] US 2294141 A 19420825 - TRIMBLE JOHN D
- [X] US 1723514 A 19290806 - HERMANN KLEIN
- [A] EP 1247889 A2 20021009 - NORDSTROEM LARS INGVAR [SE]
- [X] DATABASE WPI Section PQ Week 199839, Derwent World Patents Index; Class P43, AN 1998-144156, XP002340749
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 02 2 April 2002 (2002-04-02)

Cited by
CN113550092A; CN114197188A; CN112095247A; WO2010019061A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1510609 A2 20050302; **EP 1510609 A3 20051005**; **EP 1510609 B1 20081015**; **EP 1510609 B8 20090812**; AT E411421 T1 20081015;
AU 2004205110 A1 20050317; AU 2004205110 B2 20090827; DE 10339020 A1 20050324; DE 502004008252 D1 20081127;
DK 1510609 T3 20090112; ES 2312897 T3 20090301; HR P20080671 T3 20090430; NZ 534808 A 20060127; PL 1510609 T3 20090430;
PT 1510609 E 20081111; SI 1510609 T1 20090430; US 2005108847 A1 20050526; US 7392558 B2 20080701

DOCDB simple family (application)
EP 04019220 A 20040812; AT 04019220 T 20040812; AU 2004205110 A 20040818; DE 10339020 A 20030825; DE 502004008252 T 20040812;
DK 04019220 T 20040812; ES 04019220 T 20040812; HR P20080671 T 20081222; NZ 53480804 A 20040820; PL 04019220 T 20040812;
PT 04019220 T 20040812; SI 200431000 T 20040812; US 92559004 A 20040825