

Title (en)

Garment stain removal product which uses sonic or ultrasonic waves

Title (de)

Schall- oder Ultraschallwellen erzeugender Gegenstand zur Fleckenentfernung von Kleidungsstücken

Title (fr)

Produit de détachage de vêtements utilisant des ondes soniques ou ultrasoniques

Publication

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Application

EP 05003652 A 19990219

Priority

- EP 99934300 A 19990219
- US 7542698 P 19980220

Abstract (en)

A garment stain removal product and process is disclosed. The product includes a liquid cleaning composition which contains water, an organic solvent and a surfactant, an absorbent stain receiver, and a sonic or ultrasonic wave generating source for imparting sonic or ultrasonic waves onto stains on textiles. The sonic or ultrasonic wave source is, for example, a hand-held, pen-shaped device with a directed point to focus the sonic or ultrasonic waves at the stain to be removed. <IMAGE>

IPC 1-7

C11D 3/43; C11D 11/00; C11D 17/04; D06B 13/00

IPC 8 full level

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Citation (search report)

- [A] WO 9726821 A1 19970731 - PROCTER & GAMBLE [US]
- [A] DATABASE WPI Week 8651, Derwent World Patents Index; AN 86-334896, XP002104997
- [A] DATABASE WPI Week 9215, Derwent World Patents Index; AN 92-117926, XP002104998, TOKYO KINGURAN ET AL.

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WO2014206481A1; US10119217B2; WO2015074688A1; US10378140B2

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