

Patent Number(s): JP2012110837-A

Title: Environmentally-friendly sheet for electrical/electronic appliances e.g. air conditioner, comprises flexible adhesive sheet formed on each position switchboard breaker and earth leakage circuit breaker, and cord electric appliance

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Abstract: NOVELTY - An environmentally-friendly sheet comprises a flexible adhesive sheet formed on each position a switchboard breaker and an earth leakage circuit breaker, and a cord an electric appliance. The flexible adhesive sheet comprises natural ore powder, synthetic rubber and synthetic resin material. The natural ore powder comprises (in wt.%) black silica (0.5-3), Serra stone (3-10), phyllite (2-5), omega stones (3-8), healing-stones (2-5), germanium ores (0.5-2), titanium (0.5-2), zirconium (0.5-5), radium ores (1-5), quartz crystal (0.3-2) and/or shell fossil (1-3).

USE - Environmentally-friendly sheet is used for electrical/electronic appliances. Uses include but are not limited to television receiver, freezer ,refrigerator, fried food machine, lighting fixture and air conditioner.

ADVANTAGE - The environmentally-friendly sheet has excellent resistance to negative ions, far infrared rays, blackbody radiation, terahertz radiation, and electric current.

DETAILED DESCRIPTION - An environmentally-friendly sheet comprises a flexible adhesive sheet having thickness 1-3 mm and surface area 9-400 cm<sup>2</sup> formed on each position a switchboard breaker and an earth leakage circuit breaker, and a cord an electric appliance. The flexible adhesive sheet is comprises natural ore powder having particle size 0.5-50  $\mu$ m, synthetic rubber and synthetic resin material. The natural ore powder comprises (in wt.%) black silica (0.5-3), Serra stone (3-10), phyllite (2-5), omega stones (3-8), healing-stones (2-5), germanium ores (0.5-2), titanium (0.5-2), zirconium (0.5-5), radium ores (1-5), quartz crystal (0.3-2) and/or shell fossil (1-3). The synthetic rubber and synthetic resin material comprises nitrile-butadiene rubber (20-35), polyethylene (10-15), High Toron BX (RTM: polymer) (5-15), and zeolite (20-30).

Drawing:

Derwent Class Code(s): A97 (Miscellaneous goods not specified elsewhere); J04 (Chemical/physical processes and apparatus including catalysis)

Derwent Manual Code(s): A04-B04; A04-G02E4; A08-R01; A12-E01; J04-X

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