

Title (en)
AIR-CONDITIONED GARMENT

Title (de)
KLIMATISIERTES KLEIDUNGSSTÜCK

Title (fr)
VETEMENT VENTILE

Publication
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Application
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Priority
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Abstract (en)
It is an object of the present invention to provide an air-conditioning garment capable of expanding a range in which a physiological cooler function originally included in a human body is effectively exercised, with a small power consumption in accordance with an individual difference or an intended use of a wearer. This air-conditioning garment is provided with a clothing material portion 20 which guides air along a surface of a body in a space between itself and the body, three air circulating portions 40, 40 and 40 which take air flowing in the space between the clothing material portion 20 and the body to the outside, two air sending means 50 and 50 for forcibly generating a flow of air in the space between the clothing material portion 20 and the body, and power supplying means 61 for supplying power to the air sending means 50 and 50. The air sending means 50 and 50 take outside air into the clothing material portion 20, and generate air flowing with a flow quantity of 6 liters/second. As a result, the air-conditioning garment can rapidly vaporize sweat, and hence the range in which the physiological cooler function originally included in a human body is effectively exercised can be expanded, thereby demonstrating a sufficient cooling effect.

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Cited by
EP4035547A4; EP4035549A4; GB2458604A; GB2458604B; US11980237B2; US12102141B2; US11896064B2; US8082596B2; WO2008074440A3; WO2008046787A1; WO2022146599A1

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