

Title (en)

ANTI-NBC (NUCLEAR, BIOLOGICAL OR BATERIOLOGICAL, CHEMICAL) OVERSHOE AND ITS MANUFACTURING PROCESS

Publication

EP 0174425 B1 19910417 (EN)

Application

EP 85102503 A 19850306

Priority

GB 8421895 A 19840830

Abstract (en)

[origin: EP0174425A2] The invention is characterised in that it comprises a textile insert (1) which is completely permeated by and embedded in the mixture (2) and is made inseparable from the latter by means of moulding and vulcanisation in an injection-moulding press wrth a closing pressure of approximately 200 atmospheres. This insert is embedded in the mixture in an asymmetrical manner, as a result of which externally the insert is covered with a thick layer of rubber, whereas internally the mixture permeates beyond the insert on account of the moulding pressure and reaches a reduced thickness of 0.1mm. Thus, unlike those of the prior art, anti-NBC overshoes are obtained which have an ergonomic shape, are without joints, and hence are practically impermeable to NBC aggressive agents, and which have excellent mechanical characteristics. They are used, in particular, for protection against the attacks of chemical, biological and bacteriological agents and for protection against thermonuclear radiation.

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IPC 8 full level

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