

ABSTRACT**Intrusion detection system**

The present invention relates to an intrusion detection system (20), comprising:

- two layers of mesh, each mesh layer comprising a plurality of cells and a plurality of through connecting points, each cell comprising at least one continuous pattern, one end of which is connected to a through connecting point, the coverage rate of the set of patterns of each cell being strictly greater than 80 percent, the set of cells of each mesh layer defining a zone protected by the mesh layer, and
- a plurality of connections, each connection connecting two cell patterns of different mesh layers to one another via through connecting points to form loops.

The through connection points of each mesh layer are distributed over the entire surface of the zone protected by the mesh layer.

Figure 1