

Title (en)
Improved safe

Title (de)
Verbesserter Tresor

Title (fr)
Coffre-fort amélioré

Publication
EP 0848130 A3 20000920 (EN)

Application
EP 97309855 A 19971208

Priority
GB 9625659 A 19961211

Abstract (en)
[origin: EP0848130A2] A safe (20) for an ATM comprises a layer of piezoelectric or pyroelectric material, and contains electrical circuitry (24) to sense a mechanical or thermal attack on the safe. The safe also contains response means such as a silent alarm (26) connected by radio to an external security centre; an audible alarm (28) and a dye spray (30). A neural network (22) is connected to the circuitry, and is trained to distinguish between different types of attack on the ATM (e.g. a casual kick or several hammer blows) and to activate the appropriate response means. Preferably said layer is polyvinylidene fluoride, which has both piezoelectric and pyroelectric properties. <IMAGE>

IPC 1-7
E05G 1/10; **E05G 1/024**; **G07D 11/00**; **G07F 7/10**

IPC 8 full level
E05G 1/10 (2006.01); **G07D 11/00** (2006.01); **G07F 19/00** (2006.01); **G08B 13/10** (2006.01); **E05G 1/14** (2006.01)

CPC (source: EP)
E05G 1/10 (2013.01); **G07D 11/10** (2018.12); **G07F 19/20** (2013.01); **G07F 19/205** (2013.01); **G07F 19/207** (2013.01); **E05G 1/14** (2013.01)

Citation (search report)
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• [XA] US 4954811 A 19900904 - CHATIGNY JOSEPH V [US], et al
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