

Title (en)
DETECTION DEVICE

Title (de)
DETEKTIONSEINRICHTUNG

Title (fr)
DISPOSITIF DE DETECTION

Publication
EP 1417457 A2 20040512 (FR)

Application
EP 02794567 A 20020806

Priority

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- EP 0208814 W 20020806
- EP 01203020 A 20010808

Abstract (en)
[origin: EP1283409A1] Two transformers (T1,T2) which have open magnetic circuits are located side by side and perpendicularly to the path of an object (4) which is to be detected. The transformer primary windings are connected in series and supplied from a 3-6 KHz source (8) and the secondary response from windings also connected in series is measured by a detector unit (9). The passage and direction of the object is revealed by the changes in magnetic reluctance

IPC 1-7
G01D 5/20; **G01D 5/22**

IPC 8 full level
G01D 5/20 (2006.01); **G01D 5/22** (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 03014675A2

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US 2004169507 A1 20040902; US 7132825 B2 20061107; WO 03014675 A2 20030220; WO 03014675 A3 20030731

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