

Title (en)

Device for checking the number of aluminium packaging sheets positioned one over the other into a packaging box

Title (de)

Vorrichtung zur Prüfung der Anzahl der in einer Verpackungsschachtel übereinandergelegten Aluminiumverpackungsplatten

Title (fr)

Dispositif pour vérifier le nombre de feuilles de conditionnement en aluminium placées l'une sur l'autre dans une boîte de conditionnement

Publication

EP 2390193 A1 20111130 (EN)

Application

EP 11165968 A 20110513

Priority

IT MI20100943 A 20100526

Abstract (en)

A device for checking the number of aluminium packaging sheets (4) positioned one over the other into a packaging box (3) during the conveyance of said box, comprising: - a transmitting head (1) that generates an alternating magnetic flux, - a receiving head (2) arranged opposite said transmitting head, - conveyors means (5) for conveying said packaging box (3) between said heads (1, 2) and said alternating magnetic flux, - said receiving head (2) detecting at least an alternating magnetic flux transmitted through said packaging box (3) when said box is conveyed between said heads (1, 2) and between the alternating flux emitted by said transmitting head (1), and generating a corresponding signal, - and means (6) for determining on the basis of said signal whether or not in said packaging box there is a predetermined number of aluminium packaging sheets, - said transmitting and receiving heads (1) comprising a coil (8) and a support element (7) wherein said transmitting and receiving heads (1, 2) comprise a non-conductive material case (9) for housing said coil (8) and said support element (7).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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