

Title (en)  
TEST HEAD DEVICE

Title (de)  
TESTKOPFEINRICHTUNG

Title (fr)  
DISPOSITIF A TETE D'ESSAI

Publication  
**EP 1938117 A1 20080702 (DE)**

Application  
**EP 06807195 A 20061012**

Priority  
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Abstract (en)  
[origin: WO2007042551A1] The invention exhibits a test head device for testing the functionality of a multiplicity of RFID chips, which are arranged in smart labels (17), within a smart-label production apparatus using a data reading and/or data writing operation, wherein the smart labels (17) each having a first antenna (10a - 10e) are applied beside one another and behind one another to a common continuous belt, wherein the test head device has a plurality of test systems which are independent of one another in terms of their function and respectively comprise a writing and/or reading unit (12a - e), a second antenna (3, 11a - e; 18) which is connected to the latter and is respectively associated with one of the first antennas (10a - 10e) for the purpose of simultaneously transmitting read and/or write data between the first and second antennas (10a - 10e; 3; 11a - e; 18) by means of ultra-high frequency waves, and a common table unit which can be displaced at least in the vertical direction, wherein the second antennas (3; 11a - e; 18) are arranged on a common antenna carrier plate (2) which is oriented parallel to the belt.

IPC 8 full level  
**G01R 31/28** (2006.01)

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**G01R 31/2822** (2013.01 - EP US); **G06K 7/0008** (2013.01 - EP US); **G06K 7/0095** (2013.01 - EP US); **G06K 7/10356** (2013.01 - EP US); **G06K 7/10465** (2013.01 - EP US)

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