

Title (en)
BRIDGE MODULES FOR SMART LABELS

Title (de)
MODULBRÜCKEN FÜR SMART LABELS

Title (fr)
CAVALIERS DE MODULES POUR ETIQUETTES INTELLIGENTES

Publication
EP 1658581 A1 20060524 (DE)

Application
EP 04764400 A 20040824

Priority

- EP 2004009420 W 20040824
- DE 10339547 A 20030826
- DE 10358423 A 20031213

Abstract (en)
[origin: WO2005022455A1] The invention relates to bridge modules for smart labels, enabling the positioning of chip modules (5) on carriers (12) and the bridged connection of connection elements of said chip module (5) to connection elements (11a, 11b) of antenna elements (11) that are located on or in the carriers (12). The invention is characterised in that numerous bridge modules (10) are located one behind the other on a carrier strip (1), said carrier strip (1) comprising a plurality of recesses (2), placed one behind the other for receiving a respective chip module (5) that has been allocated to a bridge module (10) and contact layers (7a, 7b), which cover the connection elements of the chip module (5), said contact layers having a greater surface area than that of the connection elements.

IPC 1-7
G06K 19/077

IPC 8 full level
G06K 19/077 (2006.01)

CPC (source: EP US)
G06K 19/07718 (2013.01 - EP US); **G06K 19/07745** (2013.01 - EP US); **G06K 19/07749** (2013.01 - EP US); **G06K 19/07752** (2013.01 - EP US); **H01L 2924/0002** (2013.01 - EP US)

Citation (search report)
See references of WO 2005022455A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005022455 A1 20050310; EP 1658581 A1 20060524; JP 2007503634 A 20070222; US 2006289979 A1 20061228

DOCDB simple family (application)
EP 2004009420 W 20040824; EP 04764400 A 20040824; JP 2006524314 A 20040824; US 56916506 A 20060224