

Title (en)  
RACK SERVER SLIDE-IN MODULE

Title (de)  
RACKSERVEREINSCHUB

Title (fr)  
DISPOSITIF INSÉRABLE DE SERVEUR EN BAIE

Publication  
**EP 2836886 A1 20150218 (DE)**

Application  
**EP 13712712 A 20130314**

Priority  
• DE 102012103113 A 20120411  
• EP 2013055254 W 20130314

Abstract (en)  
[origin: WO2013152916A1] The invention relates to a rack server slide-in module with a height of one height unit and an installation area (14) for a dual-slot expansion card (15), wherein either a single-slot or a dual-slot expansion card (15) is received in said installation area. The aim of the invention is to allow a dissipation of the high level of lost heat of the dual-slot expansion card (15) in said extremely limited installation space. According to the invention, this is achieved in that an air inlet (7a) is provided on the front face (1) of the rack server slide-in module so as to be aligned with the installation area (14) for the expansion card (15), an air outlet (21) is provided on the rear face (2) of the rack server slide-in module so as to be aligned behind the installation area (14) for the expansion card, and three fans (9a-c) are arranged adjacently to one another between the air inlet (7a) and the installation area (14) for the expansion card (15), said fans generating an increased flow pressure of the cooling air onto the installation area (14) of the expansion card (15).

IPC 8 full level  
**G06F 1/20** (2006.01)

CPC (source: EP US)  
**G06F 1/20** (2013.01 - EP US); **H05K 7/1461** (2013.01 - US); **H05K 7/20145** (2013.01 - US); **H05K 7/20727** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013152916A1

Citation (examination)  
• US 2002054479 A1 20020509 - WU JEFF [TW]  
• US 6574100 B1 20030603 - ANDERSON PAUL H [US]  
• US 2006164808 A1 20060727 - STEFANOSKI ZORAN [US]

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
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DOCDB simple family (publication)  
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