

Title (en)
Extensible table with improved extension system

Title (de)
Ausziehtisch mit verbessertem Ausziehsystem

Title (fr)
Table extensible avec système d'extension amélioré

Publication
EP 1516557 A1 20050323 (EN)

Application
EP 04019285 A 20040813

Priority
MY PI20033118 A 20030815

Abstract (en)
The present invention is an extension table with an automatic extending and closing system. The extension table comprises of a pair of main top panels and a main frame and sliding rails which allows the pair of table top to be pulled apart when it is extended and to be pull together when it is close. It also comprises of a pair extension panel of which it is position underneath the pair of large table top, when the table is close and is position at the same level as large table top incorporating into a large or extended size of table top when the table is extended and a single extension mechanism that allows the table to be extended and close automatically with ease in one continuous action pulling and pushing of large table top. The automatic extending and closing system comprises of a pair of inclined groove and horizontal groove at the inward faces of side bars of the table frame and extending guided pin at the support block of extension panel. The extending guided pin slides along the inclined groove and will rest at the horizontal groove which resulted the extension raise up the table level incorporated into a large extended table top. In order to close the table, the pin slides along horizontal groove toward inclined groove and drop along the inclined groove back to original position underneath the large table top. The table top is then pushed back to its original closed position. <IMAGE>

IPC 1-7
A47B 1/02

IPC 8 full level
A47B 1/02 (2006.01)

CPC (source: EP)
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Citation (search report)
[XA] EP 1044629 A2 20001018 - B T FURNISHING SDN BHD [MY]

Cited by
CN111920198A; CN113508994A; CN112336061A; CN113803966A; WO2022046021A1

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