

Title (en)  
MULTIPLE-THREAD SCREW THREAD CONFIGURATION

Title (de)  
MEHRGÄNGIGE SCHRAUBGEWINDEANORDNUNG

Title (fr)  
CONFIGURATION DE FILETAGE DE VIS MULTISPIRES

Publication  
**EP 0993409 A1 20000419 (DE)**

Application  
**EP 99920723 A 19990421**

Priority  
• DE 29807759 U 19980429  
• EP 9902678 W 19990421

Abstract (en)  
[origin: US6415935B1] In a screw thread arrangement for the angular positioning, in the circumferential direction, of a first component having a multiple-thread pattern screw thread relative to a second component having a complementary multiple-thread screw thread pattern, in particular for a threaded closure cap relative to a container member, wherein a first angular spacing of adjacent runouts when viewed in a circumferential direction differs from angular spacing of adjacent runouts . As an alternative the dimensions of at least one thread turn of each multiple-thread screw thread pattern is different from those of a second thread turn. By such measures, when configurations of the components are rotationally asymmetrical, the two parts are always positively brought into alignment when the one component has been firmly screwed onto the other.

IPC 1-7  
**B65D 41/04**; **B65D 1/02**

IPC 8 full level  
**B65D 1/02** (2006.01); **B65D 41/04** (2006.01)

CPC (source: EP US)  
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Cited by  
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**US 6415935 B1 20020709**; AT E214022 T1 20020315; AU 3819699 A 19991116; CA 2293275 A1 19991104; DE 29807759 U1 19980716; DE 59900921 D1 20020411; DK 0993409 T3 20020610; EP 0993409 A1 20000419; EP 0993409 B1 20020306; ES 2173738 T3 20021016; JP 2002506411 A 20020226; PL 194629 B1 20070629; PL 337699 A1 20000828; TR 199903108 T1 20000821; WO 9955593 A1 19991104

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