

Title (en)  
FASTENING BOLT

Title (de)  
FIXIERBOLZEN

Title (fr)  
BOULON DE FIXATION

Publication  
**EP 4315512 A1 20240207 (DE)**

Application  
**EP 22714802 A 20220314**

Priority  
• DE 102021108223 A 20210331  
• EP 2022056530 W 20220314

Abstract (en)  
[origin: WO2022207295A1] The invention relates to a fastening bolt (10, 10') that has a fastening bolt head and a fastening bolt shank (13). According to the invention, the fastening bolt head and/or the fastening bolt shank (13) include/s two fastening elements (11; 12, 12') which are arranged substantially in two planes (E1, E2) which are spaced apart from one another and between which a structural part plane (E3) is formed in which a structural part (100) is located in the assembled state, the fastening bolt (10, 10') being fastened to said structural part (100).

IPC 8 full level  
**H01R 4/10** (2006.01); **H01R 4/00** (2006.01); **H01R 4/30** (2006.01); **H01R 4/34** (2006.01); **H01R 4/64** (2006.01); **H01R 4/66** (2006.01); **H01R 11/12** (2006.01)

CPC (source: EP US)  
**H01R 4/26** (2013.01 - US); **H01R 4/304** (2013.01 - EP); **H01R 4/308** (2013.01 - US); **H01R 4/34** (2013.01 - EP); **H01R 4/54** (2013.01 - EP); **H01R 4/64** (2013.01 - EP); **H01R 4/66** (2013.01 - EP US); **H01R 11/05** (2013.01 - US); **H01R 11/12** (2013.01 - EP)

Designated contracting state (EPC)  
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)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021108223 A1 20221006**; CN 117280545 A 20231222; EP 4315512 A1 20240207; US 2024186729 A1 20240606; WO 2022207295 A1 20221006

DOCDB simple family (application)  
**DE 102021108223 A 20210331**; CN 202280026498 A 20220314; EP 2022056530 W 20220314; EP 22714802 A 20220314; US 202218553162 A 20220314