

Title (en)
MITRE SAW WITH FIXED FENCE

Title (de)
GEHRUNGSSÄGE MIT FESTEM ANSCHLAG

Title (fr)
SCIE À ONGLETS AVEC GUIDE FIXE

Publication
EP 3165339 B1 20190327 (EN)

Application
EP 16191693 A 20160930

Priority
GB 201519538 A 20151105

Abstract (en)
[origin: EP3165339A1] A saw comprising: a base structure (6, 100) having a work surface (102, 104); a cutting unit (50) mounted on the base structure (6, 100) which is capable of cutting a work piece when a work piece is located on the work surface (102, 104); a fixed fence (16) non moveably mounted on the base structure (6, 100) which traverses a part of the work surface (102, 104) and which is used to support a work piece when it is being cut; characterised in that there is at least one rib (160) mounted on the base structure (6, 100), the fixed fence (16) abutting against the at least rib (160) in a direction of a force applied to the fixed fence (16) by a work piece when it is being cut. The base structure of the saw can comprise: a base (6) having two platforms (12), each platform (12) having an upper surface (104); a table (100) rotatably mounted within the base between the two platforms (12), the table having an upper surface 102; wherein the upper surfaces (104) of the platforms (12) and the upper surface (102) of the table are co-planer to form the work surface; wherein the cutting unit (50) is pivotally mounted on the table (100) and is capable of pivoting towards or away from the work surface (102, 104); wherein the fixed fence is non moveably mounted on each of the platforms and traverses the upper surface of the table; wherein each platform comprises a rib 160, the fixed fence (16) abutting against each rib (160) on each platform (12) in a direction of a force applied to the fixed fence (16) by a work piece when it is being cut.

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