

Title (en)
Molding affixed with wedged divider track

Title (de)
Profilelement fixiert durch keilförmige Verteilerschiene

Title (fr)
Élément moulé fixé par rail diviseur cunéiforme

Publication
EP 0839974 A2 19980506 (EN)

Application
EP 97117822 A 19971015

Priority
US 74080996 A 19961101

Abstract (en)
An elongated wedge shaped spline (1) can be used for joining work pieces in a dovetail joint. It can be used in joining a work piece, such as molding (5) in a dovetailed joint. An expansion track having a pair of spaced apart flanges (20) extending at a right angle from the front surface of the divider track (2) is first affixed to a surface. The wedge shaped spline (1) is positioned between and in abutment with the upper portion of the spaced apart flanges (20). A fan shaped mortise on the back surface of a work piece is positioned over the wedge shaped spline (1) between and abutting the upper portion of the spaced apart flanges (20). Pressure is applied on the front surface of the work piece for seating the work piece on the divider track (2), thereby forcing the wedge shaped spline (1) between the flanges (20) and spreading the flanges (20). The spread apart flanges (20) engage the side walls of the fan shaped mortise for joining the work piece in a dovetailed joint with the divider track (2).

IPC 1-7
E04F 19/06

IPC 8 full level
E04F 19/06 (2006.01)

CPC (source: EP)
E04F 19/062 (2013.01); **E04F 19/066** (2013.01)

Cited by
EP1020590A3; DE19854452B4; EP1039066A3; EP1493880A3; GB2422104A; GB2422104B; WO2004042160A1; US6340264B1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0839974 A2 19980506; **EP 0839974 A3 19980805**; BR 9705149 A 19990720; CA 2217828 A1 19980501; PL 322942 A1 19980511; SG 50889 A1 19980720

DOCDB simple family (application)
EP 97117822 A 19971015; BR 9705149 A 19971101; CA 2217828 A 19971009; PL 32294297 A 19971031; SG 1997003707 A 19971010