

Title (en)  
Reinforced hollow section member

Title (de)  
Hohlkammerprofil mit Armierung

Title (fr)  
Profilé creux renforcé

Publication  
**EP 0774559 B1 20010411 (DE)**

Application  
**EP 96113087 A 19960814**

Priority  
• DE 19542397 A 19951114  
• DE 19547471 A 19951219

Abstract (en)  
[origin: US5974758A] The apparatus includes a hollow chamber, preferably made from a synthetic material, such as PVC or other plastic, with an insertable reinforcement piece suitable for connecting to window, door or other configurations, such as abutment and frame profiles. The reinforcement piece comprises a unitary rolled sheet metal with one or more screw channels within the reinforcement profile for a front face abutment screw connection. The reinforcement piece further includes at least one shank inwardly extending from the screw channel toward the opposite chamber wall. The reinforcement piece further includes a shank extending around the inner walls of the hollow chamber.

IPC 1-7  
**E06B 3/22**; **E06B 3/96**

IPC 8 full level  
**E06B 3/22** (2006.01); **E06B 3/96** (2006.01)

CPC (source: EP US)  
**E06B 3/222** (2013.01 - EP US); **E06B 3/9636** (2013.01 - EP US)

Cited by  
GB2350639A; WO2018072272A1

Designated contracting state (EPC)  
BE CH DE ES FR IT LI NL

DOCDB simple family (publication)  
**US 5974758 A 19991102**; CZ 292304 B6 20030917; CZ 325796 A3 19970611; EP 0774559 A1 19970521; EP 0774559 B1 20010411; ES 2156240 T3 20010616; PL 181971 B1 20011031; PL 315834 A1 19970526; RU 2116425 C1 19980727; TR 199600827 A2 19970621

DOCDB simple family (application)  
**US 74893096 A 19961114**; CZ 325796 A 19961106; EP 96113087 A 19960814; ES 96113087 T 19960814; PL 31583496 A 19960826; RU 96120064 A 19960925; TR 9600827 A 19961021