

Title (en)
THERMALLY INSULATING COMPOSITE PROFILE MEMBER

Publication
EP 0235493 B1 19891011 (DE)

Application
EP 86810095 A 19860225

Priority
EP 86810095 A 19860225

Abstract (en)
[origin: US4786539A] The composite laminate is made of two metal parts 1, 2 and a pair of thermal insulating bars of fiber reinforced synthetic material. Each metal part has a longitudinally extending groove which is provided with two rows of transversely disposed teeth which cut into the flanks of anchoring strips on the synthetic bars during pressing in of the strips in the respective grooves. The pressing in of the synthetic material into the teeth of the harder metal parts forms a strong bonded connection which resists the stresses imposed upon the laminate during use. Deformable tabs on the metal parts are used to ensure locking of the synthetic bars in place. The space required for production of the laminate is reduced essentially to the length of the metal parts.

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E06B 3/26

IPC 8 full level
E06B 1/32 (2006.01); **E04B 2/88** (2006.01); **E04B 2/96** (2006.01); **E06B 3/263** (2006.01); **E06B 3/273** (2006.01)

CPC (source: EP US)
E06B 3/26307 (2013.01 - EP US); **E06B 3/273** (2013.01 - EP US); **E06B 2003/26314** (2013.01 - EP US); **Y10T 428/23** (2015.01 - EP US); **Y10T 428/233** (2015.01 - EP US); **Y10T 428/237** (2015.01 - EP US); **Y10T 428/239** (2015.01 - EP US)

Cited by
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AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0235493 A1 19870909; EP 0235493 B1 19891011; AT E47193 T1 19891015; CA 1286471 C 19910723; DE 3666259 D1 19891116; DK 165992 B 19930222; DK 165992 C 19930705; DK 7087 A 19870826; DK 7087 D0 19870107; FI 83254 B 19910228; FI 83254 C 19910610; FI 870195 A0 19870119; FI 870195 A 19870826; JP H0730657 B2 19950410; JP S62202186 A 19870905; NO 166668 B 19910513; NO 166668 C 19910821; NO 870753 D0 19870224; NO 870753 L 19870826; US 4786539 A 19881122

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