

Title (en)

APPARATUS FOR FASTENING GUTTERS TO STRUCTURES

Title (de)

VORRICHTUNG ZUR BEFESTIGUNG VON ENTWÄSSERUNGSRINNEN AN STRUKTUREN

Title (fr)

DISPOSITIF DE FIXATION DE GOUTTIERES SUR DES STRUCTURES

Publication

**EP 1029139 B1 20040908 (EN)**

Application

**EP 98956252 A 19981027**

Priority

- US 9822776 W 19981027
- US 96068697 A 19971030

Abstract (en)

[origin: WO9923326A1] A gutter fastener (10) having a first shank portion (14) with a head (12a) integrally formed on one end and a second shank portion (16) integrally formed with the opposite end. The first shank portion has a length (L1) substantially equal to the water collecting opening in a gutter (20), while the second shank portion has a length (L2) substantially equal to one half the length of the first shank portion. The second shank portion includes screw-like threads (50) for engaging the facial panel (24) behind a gutter and enabling a more secure connection between the two.

IPC 1-7

**E04D 13/072**; F16B 35/00; B21H 3/02; F16B 33/02; F16B 25/00

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

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