

Title (en)
GUTTER

Publication
EP 0248427 A3 19880120 (DE)

Application
EP 87108096 A 19870604

Priority
DE 3618699 A 19860604

Abstract (en)
[origin: EP0248427A2] The gutter with a U-shaped gutter body (1) and a grate- or lid- shaped cover (5) has locking arms (11a, 11b) which are spreadably mounted on the cover and, in the spread position, engage under abutment surfaces (13) of the gutter body (1) in order to lock the cover to the gutter body. <IMAGE>

IPC 1-7
E03F 7/00; **E01C 11/22**

IPC 8 full level
E01C 11/22 (2006.01); **E02D 29/14** (2006.01); **E03F 5/06** (2006.01)

CPC (source: EP)
E01C 11/227 (2013.01); **E02D 29/14** (2013.01); **E02D 29/1427** (2013.01); **E03F 5/06** (2013.01); **E03F 2005/063** (2013.01); **E03F 2005/065** (2013.01)

Citation (search report)

- [X] US 2388561 A 19451106 - MORRIS JOHN J, et al
- [X] US 4461597 A 19840724 - LAURIN GERARD F [US]
- [Y] US 4257892 A 19810324 - BOERSMA DONALD J
- [A] AT 354363 B 19800110 - KAGSTROEM RUNE [SE]
- [A] US 3674149 A 19720704 - DONALSON ALTON E
- [AD] EP 0081741 A1 19830622 - AHLMANN ACO SEVERIN [DE]

Cited by
RU197810U1; DE4134028A1; EP0839964A3; EP0594468A1; EP0761885A1; EP2789755A1; US2014083146A1; US9022439B2; EP0601445A1; US5466091A; AT524788A4; AT524788B1; EP1878838A1; CN104619930A; AU2012261627B2; DE19526985A1; DE19526985C2; GB2220967A; US2016017567A1; CN108204032A; US11655627B2; FR2791715A1; US9745733B2; WO2016163915A1; WO2007009610A1; WO0194709A1; WO2014037488A1

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