

Title (en)  
GUTTER

Title (de)  
REGENRINNE

Title (fr)  
GOUTTIÈRE

Publication  
**EP 3985196 A1 20220420 (EN)**

Application  
**EP 21203045 A 20211015**

Priority  
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Abstract (en)  
The invention provides a gutter assembly, comprising a gutter which is double walled, and comprises an inner wall and an outer wall and ribs connecting said inner wall and outer wall, providing a functionally self supporting gutter, said ribs comprising slanted ribs connecting the inner wall and outer wall, wherein the gutter has a thickness of the inner wall and outer wall of 1-4 mm.

IPC 8 full level  
**E04D 13/068** (2006.01); **E04D 13/072** (2006.01); **E04D 13/064** (2006.01)

CPC (source: EP)  
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Citation (applicant)  
• EP 0869230 A2 19981007 - MARLEY TILE AG [CH]  
• NL 194090 B 20010201 - UBBINK NEDERLAND BV [NL]  
• EP 0971083 A2 20000112 - UBBINK NEDERLAND BV [NL]  
• WO 2004011738 A2 20040205 - ROYAL GROUP TECH LTD [CA], et al

Citation (search report)  
• [X] WO 2004011738 A2 20040205 - ROYAL GROUP TECH LTD [CA], et al  
• [XY] EP 0971083 A2 20000112 - UBBINK NEDERLAND BV [NL]  
• [XY] NL 9202157 A 19940701 - UBBINK NEDERLAND BV  
• [YA] JP 2003147919 A 20030521 - NOJIMA KAKUSEI SEISAKUSHO KK  
• [A] JP 2003221900 A 20030808 - OTIS KK  
• [A] JP H08246623 A 19960924 - SEKISUI CHEMICAL CO LTD  
• [A] JP H09317105 A 19971209 - SEKISUI CHEMICAL CO LTD  
• [A] JP 2010150882 A 20100708 - OTIS KK

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DOCDB simple family (publication)  
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**EP 20202162 A 20201015**; EP 21203043 A 20211015; EP 21203044 A 20211015; EP 21203045 A 20211015; NL 2029441 A 20211015; NL 2029442 A 20211015; NL 2029443 A 20211015