

Title (en)  
METAL ROOF PLATE

Title (de)  
METALLDACHPLATTE

Title (fr)  
PLAQUE METALLIQUE DE TOITURE

Publication  
**EP 0910714 B1 20001018 (DE)**

Application  
**EP 97937470 A 19970709**

Priority  
• DE 29611772 U 19960709  
• EP 9703610 W 19970709

Abstract (en)  
[origin: US6253495B1] The invention relates to a metal roof plate for cleaning and maintaining the clean state of building roofs, in particular from plant growth of environmental pollution. The object of the invention is to improve the efficiency of said metal roof plate comprising a metal reacting in conjunction with moisture, said plate being produced by punching from material in the shape of a plate, and having textured reaction surface (2) with raised lumps (3) and openings (4). The object is attained in that the openings (4) of the lumps (3) are inclined in the opposite direction to the direction (A) of water discharge.

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IPC 8 full level  
**E04D 1/18** (2006.01); **E04D 1/30** (2006.01); **E04D 13/00** (2006.01)

CPC (source: EP US)  
**E04D 1/30** (2013.01 - EP US); **E04D 13/00** (2013.01 - EP US); **E04D 13/002** (2013.01 - EP US)

Cited by  
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AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)  
**US 6253495 B1 20010703**; AT E197080 T1 20001115; CA 2260025 A1 19980115; CA 2260025 C 20050712; DE 29611772 U1 19960919; DE 59702508 D1 20001123; DK 0910714 T3 20010129; EP 0910714 A1 19990428; EP 0910714 B1 20001018; ES 2153211 T3 20010216; GR 3035078 T3 20010330; PT 910714 E 20010430; WO 9801637 A1 19980115

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**US 21469499 A 19990108**; AT 97937470 T 19970709; CA 2260025 A 19970709; DE 29611772 U 19960709; DE 59702508 T 19970709; DK 97937470 T 19970709; EP 9703610 W 19970709; EP 97937470 A 19970709; ES 97937470 T 19970709; GR 20000402768 T 20001213; PT 97937470 T 19970709