

Title (en)  
Device for laying tiles

Title (de)  
Fliesenverlegevorrichtung

Title (fr)  
Dispositif pour la pose de carreaux

Publication  
**EP 0816593 A3 19980708 (DE)**

Application  
**EP 97110873 A 19970702**

Priority  
• DE 19626561 A 19960703  
• DE 19643991 A 19961031

Abstract (en)  
[origin: EP0816593A2] The device is used for laying tiles (12), and has a supporting frame with a number of suction openings which corresponds to the number of tiles which are to be carried. The frame can be raised, lowered and rotated using a supporting arm (4) on a carrying vehicle (1). The frame is in the form of a flat plate (6) with holes (14), which connecting hoses open into on its upper side. The underside of the plate is covered over its entire length and breadth with a coating which is pliable in an elastic manner, and which includes the suction openings. The latter are aligned with the holes. The diameter of the openings (10) may also be greater than that of the holes (15).

IPC 1-7  
**E04F 21/20**; **E01C 19/52**

IPC 8 full level  
**E01C 19/52** (2006.01); **E04F 21/20** (2006.01)

CPC (source: EP)  
**E01C 19/524** (2013.01); **E04F 21/20** (2013.01)

Citation (search report)  
• [YA] NL 8901001 A 19901116 - MARTINUS JOSEPHUS VAN DEN HANE  
• [Y] US 2855653 A 19581014 - KASTENBEIN ERNEST L  
• [A] BE 628995 A  
• [A] DE 2511867 A1 19760923 - SCHNEIDER & CO

Cited by  
CN106150053A; CN112064990A; CN105317204A; CN106193557A; WO2015001169A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0816593 A2 19980107**; **EP 0816593 A3 19980708**

DOCDB simple family (application)  
**EP 97110873 A 19970702**