

Title (en)

Assembly for a bar fence and corresponding assembly tool.

Title (de)

Kit für stabförmiges Gitter und entsprechendes Montagewerkzeug

Title (fr)

Ensemble pour grille barreaudée et outil d'assemblage correspondant.

Publication

EP 2009204 A3 20090121 (FR)

Application

EP 08159043 A 20080625

Priority

- FR 0704664 A 20070628
- FR 0802027 A 20080414

Abstract (en)

[origin: EP2009204A2] The assembly (100) has a horizontal bar or a runner (104) comprising an opening hole (110) with ends to be partially found inside a hollow vertical bar (102) after casing. An integration unit (106) has a blocking unit (114) and a longitudinal section that is supported on an inner surface of a wall of the vertical bar for exerting maintaining force (F) when the section is inserted in the hole. The maintaining force is generated upstream and downstream of the hole on the horizontal bar, where the force tends to flatten the horizontal bar in a bottom of a recess (116). An independent claim is also included for a tool for assembling an assembly for a bared grid.

IPC 8 full level

E04H 17/12 (2006.01); **E04H 17/14** (2006.01); **E04H 17/26** (2006.01)

CPC (source: EP US)

E04H 17/12 (2013.01 - EP); **E04H 17/1439** (2013.01 - EP); **E04H 17/1447** (2021.01 - EP US); **E04H 17/268** (2013.01 - EP)

Citation (search report)

- [XY] WO 9711241 A1 19970327 - WARNER & WARNER LIMITED [NZ], et al
- [XA] US 3861247 A 19750121 - GERSCHWILLER FRED ALBERT
- [Y] US 4982932 A 19910108 - BAKER WAYNE [US]
- [YA] US 4846600 A 19890711 - STRAND DWAIN L [US]
- [Y] AU 610537 B2 19910523 - GRANT WAYNE QUINN
- [A] FR 626176 A 19270831
- [A] US 2291430 A 19420728 - INGERSOLL ROY C

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2009204 A2 20081231; **EP 2009204 A3 20090121**; **EP 2009204 B1 20100512**

DOCDB simple family (application)

EP 08159043 A 20080625