

Title (en)  
Anti-rack system for drawers.

Title (de)  
System um das Verkanten von Schubladen zu verhindern.

Title (fr)  
Système d'anti-fléchissement pour le guidage de tiroirs.

Publication  
**EP 0512615 B1 19950809 (EN)**

Application  
**EP 92201200 A 19920429**

Priority  
NL 9100758 A 19910502

Abstract (en)  
[origin: EP0512615A1] A suspension frame type drawer (1) with an anti-rack system, provided with telescopic guides (10) consisting of a drawer section (11) connected to the drawer (1), a central section (12) and a cabinet section (13) to be housed in a cabinet surrounding the drawer (1) and provided with a rack (14). Mounted to the drawer (1) is a shaft (7) carrying on both sides gear wheels (8) engaging the racks (14). The racks (14) are equipped with a tiltable extension piece (16) having teeth (19). When the drawer (1) is completely pulled out of the cabinet, the gear wheels (8) continue to engage the extended racks (14), so that the anti-racking effect is retained in that position. When pushing in the drawer (1), the extension piece (16) is tilted about its pivot (20). <IMAGE>

IPC 1-7  
**A47B 88/04**; **A47B 88/10**

IPC 8 full level  
**A47B 88/04** (2006.01); **A47B 88/493** (2017.01)

CPC (source: EP)  
**A47B 88/433** (2016.12); **A47B 88/493** (2016.12); **A47B 2210/0032** (2013.01); **A47B 2210/0059** (2013.01); **A47B 2210/0075** (2013.01)

Cited by  
EP1716782A1; EP1506727A1; DE202004016393U1; DE19718069C1; US6988626B2; EP1036526A1; AT6674U3; EP1344472A1; AT410162B; EP0875178A2; DE202008012077U1; DE202008015848U1; US2009322196A1; US8147013B2; EP1649782A3; WO2007060082A1; US7677125B2; US7430937B2; EP1649782A2; EP2186437A2; US8016373B2; JP2009517106A; KR101293156B1

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