

Title (en)
FIRE RATED WALL STRUCTURE

Title (de)
BRANDSCHUTZWANDSTRUKTUR

Title (fr)
STRUCTURE DE PAROI RESISTANTE AU FEU

Publication
EP 1994237 A4 20091202 (EN)

Application
EP 07752334 A 20070306

Priority

- US 2007005621 W 20070306
- US 78009906 P 20060308
- US 48379106 A 20060710

Abstract (en)
[origin: US2007209306A1] A fire rated wall structure includes a channel-shaped top track and bottom track each having male protrusions formed along their side walls. The wall structure further includes at least one stud member interconnecting the top and bottom tracks. The stud member comprises a stationary portion and a slip extension slidably nested within the stationary portion. Female recesses are formed in a terminus end of each of the slip extension and stationary portion and are adapted to nest with male protrusions of the top and bottom tracks. A slot formed within the slip extension accommodates fasteners initiated from a panel member and which passes through the stationary portion side wall and extends into the slot to allow relative sliding motion between the slip extension and the stud member. A top overcap disposed in overlapping relation to the top track includes a male protrusion for slidingly bearing against the panel member.

IPC 8 full level
E04B 2/74 (2006.01)

CPC (source: EP KR US)
E04B 1/94 (2013.01 - KR); **E04B 2/72** (2013.01 - KR); **E04B 2/7411** (2013.01 - EP US); **E04B 2/7457** (2013.01 - EP US); **E04B 2/767** (2013.01 - EP US); **E04B 2/789** (2013.01 - EP US); **E04C 2/34** (2013.01 - KR); **E04C 3/02** (2013.01 - KR); **E04B 2/7459** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2007103331A2

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US 2007209306 A1 20070913; AU 2007224043 A1 20070913; BR PI0708695 A2 20110607; CA 2647054 A1 20070913; EP 1994237 A2 20081126; EP 1994237 A4 20091202; JP 2009529108 A 20090813; JP 5156889 B2 20130306; KR 20090031497 A 20090326; MX 2008011348 A 20090211; RU 2008139909 A 20100420; WO 2007103331 A2 20070913; WO 2007103331 A3 20081113

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