

Title (en)
PANEL CONNECTOR WITH AIR CHANNEL

Title (de)
PANEELVERBINDER MIT LUFTKANAL

Title (fr)
CONNECTEUR DE PANNEAU À CONDUIT D'AIR

Publication
EP 4050173 B1 20230118 (DE)

Application
EP 21159159 A 20210225

Priority
EP 21159159 A 20210225

Abstract (en)
[origin: US2022390141A1] A connector configured to couple plural wall elements defining rooms or to couple insulating panels that are formed by filling a cavity with a fluid foam material wherein the connector is encased by the foam material, the connector including a housing that forms a base wall arranged in a base plane and a front wall arranged opposite to the base wall in a front wall plane; a pass-through opening formed in the front wall and configured to receive a locking hook; a receiving cavity configured in the housing for at least one locking element, wherein the housing forms an air duct, wherein the air duct extends from the front plane towards the base plane, and wherein the air duct includes an air inlet opening in the base plane and an air outlet opening in the front plane.

IPC 8 full level
E04B 1/61 (2006.01); **B22D 17/14** (2006.01); **B29C 33/10** (2006.01); **F25D 23/06** (2006.01)

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E04B 1/6183 (2013.01 - EP); **F24F 13/0227** (2013.01 - US); **F24F 13/0263** (2013.01 - US); **F24F 13/072** (2013.01 - US); **F25D 23/063** (2013.01 - EP)

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