

Title (en)
FIRE PROTECTION JOINT

Title (de)
BRANDSCHUTZVERBINDUNG

Title (fr)
DISPOSITIF DE PROTECTION CONTRE LES INCENDIES

Publication
EP 3584381 A1 20191225 (EN)

Application
EP 18178889 A 20180620

Priority
EP 18178889 A 20180620

Abstract (en)
Provided herein is a joint between faces of a first and a second construction element which create a joint opening. The joint comprises an elongated seal which comprises an intumescent material. The seal is compressed between the faces of the construction elements, wherein the seal is deformed while keeping the wall thickness of the seal substantially unchanged.

IPC 8 full level
E04B 1/68 (2006.01); **E04B 1/94** (2006.01)

CPC (source: EP)
E04B 1/6813 (2013.01); **E04B 1/948** (2013.01)

Citation (search report)
• [X1] US 2011011019 A1 20110120 - STAHL JR JAMES P [US], et al
• [X1] EP 3056626 A1 20160817 - HILTI AG [LI]
• [X1] WO 2008028219 A1 20080313 - BOSS POLYMER TECHNOLOGIES PTY [AU], et al

Cited by
US2022056686A1; EP3854954A1; CN113152699A; WO2022043219A1; US11306476B2; EP3974593A1; WO2022069220A1; US12024882B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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DOCDB simple family (application)
EP 18178889 A 20180620; AU 2019204003 A 20190607