

Title (en)  
FIREPROOF FABRIC AND SEAT

Title (de)  
FEUERFESTES GEWEBE UND SITZ

Title (fr)  
TISSU IGNIFUGE ET SIÈGE

Publication  
**EP 4036294 A4 20221109 (EN)**

Application  
**EP 20867562 A 20200805**

Priority  
• JP 2019173012 A 20190924  
• JP 2020030003 W 20200805

Abstract (en)  
[origin: EP4036294A1] A task is to provide a fire-resistant fabric and a seat each having excellent flame retardancy, fire resistance, strength, comfortability, and formability, and a solution to problem is that a fire-resistant fabric which has a bending resistance of 95 mm or less in the warp direction or in the weft direction, as measured by the method prescribed in JIS L 1096 (2010) A method (45° cantilever method), is obtained using a flame-retardant fiber having an LOI of 26 or more, as measured in accordance with JIS L 1091 (1999) E-2 method.

IPC 8 full level  
**A47C 31/00** (2006.01); **D04B 1/16** (2006.01)

CPC (source: CN EP US)  
**A47C 7/02** (2013.01 - US); **A47C 27/22** (2013.01 - CN); **A47C 31/001** (2013.01 - EP); **D03D 15/283** (2021.01 - US); **D03D 15/513** (2021.01 - US); **D04B 1/16** (2013.01 - CN EP); **D10B 2321/10** (2013.01 - CN EP); **D10B 2331/021** (2013.01 - CN EP US); **D10B 2331/04** (2013.01 - US)

Citation (search report)  
• [X1] WO 2016060143 A1 20160421 - TEIJIN LTD [JP]  
• [X1] JP 2011194336 A 20111006 - KAO CORP  
• [E] EP 3779004 A1 20210217 - TEIJIN LTD [JP]  
• [A] JP 2019127657 A 20190801 - TEIJIN LTD  
• See references of WO 2021059764A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4036294 A1 20220803**; **EP 4036294 A4 20221109**; CN 114423893 A 20220429; US 2022325445 A1 20221013;  
WO 2021059764 A1 20210401

DOCDB simple family (application)  
**EP 20867562 A 20200805**; CN 202080066303 A 20200805; JP 2020030003 W 20200805; US 202017639398 A 20200805