

Title (en)
ROLL-UP FIREPROOF CURTAIN

Title (de)
FEUERFESTER AUFROLLBARER VORHANG

Title (fr)
RIDEAU ROULANT ANTI-FEU

Publication
EP 3872293 B1 20230628 (EN)

Application
EP 21020065 A 20210210

Priority
PL 43305920 A 20200227

Abstract (en)
[origin: EP3872293A1] A subject of the invention is a roll-up fireproof curtain with a flexible coat, designed for closing communication hole with linear transport elements in shape of rails, belt conveyor flights, pipelines, cables or other conductors spread crosswise the hole and protruding above its foundation. A roll-up fireproof curtain with a flexible coat that is secured with its upper border to a rotational winding shaft that is bearing-mounted in the housing affixed to a head of communication hole being closed, and side coat borders are placed slidingly in permanent vertical groove guides with sealing elements, characterized in that it is equipped with a rigid seal plate (13) that, in unrolled condition of the coat (1), is spread longitudinally under its lower border (10) and adheres to it with its upper surface (14) while the lower surface (15) of the seal plate (13) adheres to the foundation (8) of the communication hole (6), wherein at least one linear transport element (9, 9a) is spread crosswise the hole and protrudes above its foundation (8), the seal plate (13) having at least one lateral open downwards cavity (20) that surrounds the linear transport element (9, 9a) protruding above the foundation (8) of the communication hole (6) and having a lateral outline matched to the profile of the linear transport element (9, 9a).

IPC 8 full level
E06B 9/13 (2006.01); **A62C 2/10** (2006.01); **E06B 9/17** (2006.01)

CPC (source: EP)
A62C 2/10 (2013.01); **E06B 9/13** (2013.01); **E06B 9/17046** (2013.01); **E06B 9/17076** (2013.01)

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

DOCDB simple family (publication)
EP 3872293 A1 20210901; **EP 3872293 B1 20230628**; **EP 3872293 B8 20231206**; DK 3872293 T3 20231002; ES 2958225 T3 20240205; FI 3872293 T3 20230922; HR P20231133 T1 20240105; HU E064034 T2 20240228; PL 3872293 T3 20231120; PL 433059 A1 20210830

DOCDB simple family (application)
EP 21020065 A 20210210; DK 21020065 T 20210210; ES 21020065 T 20210210; FI 21020065 T 20210210; HR P20231133 T 20210210; HU E21020065 A 20210210; PL 21020065 T 20210210; PL 43305920 A 20200227