

Title (en)

FABRIC, AND CABLE COVER FOR ROBOT ARM

Title (de)

GEWEBE UND KABELABDECKUNG FÜR ROBOTERARM

Title (fr)

TISSU ET REVÊTEMENT DE CÂBLE POUR BRAS DE ROBOT

Publication

EP 4079470 A1 20221026 (EN)

Application

EP 20901092 A 20201027

Priority

- JP 2019230476 A 20191220
- JP 2020040195 W 20201027

Abstract (en)

For providing a fabric that has a low frictional property and can exhibit long-term tribological properties even when the fabric is subjected to a high-speed frictional force under a high load, there is provided a fabric according to the present invention is a fabric in which a composite yarn of fluororesin fibers A and fibers B other than fluororesin fibers is used for at least one of a warp yarn and a weft yarn, and the fabric is characterized in that a mass ratio α of the fluororesin fibers A in the composite yarn is 5 to 70%, and a ratio of the area ratio X of the fluororesin fibers in a fabric surface to a mass ratio Y of the fluororesin fibers in the fabric is 1 or more and 5 or less. This fabric can be usefully used for a cable cover for a robot arm.

IPC 8 full level

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CPC (source: EP US)

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DOCDB simple family (publication)

EP 4079470 A1 20221026; **EP 4079470 A4 20231227**; CN 114829689 A 20220729; CN 114829689 B 20230616; JP WO2021124687 A1 20210624; MX 2022007319 A 20220713; TW 202124801 A 20210701; US 2023027891 A1 20230126; WO 2021124687 A1 20210624

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EP 20901092 A 20201027; CN 202080085191 A 20201027; JP 2020040195 W 20201027; JP 2020571575 A 20201027; MX 2022007319 A 20201027; TW 109138890 A 20201106; US 202017783299 A 20201027