

Title (en)
WIRE ROPE

Title (de)
DRAHTSEIL

Title (fr)
CÂBLE MÉTALLIQUE

Publication
EP 4019695 A4 20230913 (EN)

Application
EP 20855411 A 20200728

Priority
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• JP 2020028833 W 20200728

Abstract (en)
[origin: EP4019695A1] This wire rope is provided with a plurality of strands that are twisted with each other, and the plurality of strands each have a configuration in which a plurality of element wires are twisted with each other. The wire rope is further provided with a single wire that is disposed in a recess section formed on the outer peripheral side of the wire rope by two strands that are adjacent to each other along the peripheral direction of the wire rope. In a transverse cross-section of the wire rope, a portion of the single wire is positioned inside a virtual circumscribed circle of one of the two strands.

IPC 8 full level
D07B 1/06 (2006.01)

CPC (source: EP US)
D07B 1/0673 (2013.01 - EP); **D07B 1/068** (2013.01 - US); **D07B 1/14** (2013.01 - EP); **D07B 5/007** (2013.01 - EP);
D07B 2201/1014 (2015.07 - US); **D07B 2201/1048** (2013.01 - US); **D07B 2201/2002** (2013.01 - US); **D07B 2201/2009** (2013.01 - US);
D07B 2201/2027 (2013.01 - US); **D07B 2205/3028** (2013.01 - US); **D07B 2401/2005** (2013.01 - EP); **D07B 2401/201** (2013.01 - US)

Citation (search report)
• [XAI] US 2241955 A 19410513 - NOYER ALVIN L, et al
• [A] GB 2324542 A 19981028 - BRIDON PLC [GB]
• [A] JP 2003201688 A 20030718 - TOKYO SEIKO CO LTD

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)
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US 2022170204 A1 20220602; WO 2021033497 A1 20210225

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EP 20855411 A 20200728; JP 2020028833 W 20200728; JP 2021540692 A 20200728; US 202217672030 A 20220215