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(54) Title (EN): CUTTING TOOL FOR SURGICAL WIRES AND CABLES

(54) Title (FR): OUTIL DE COUPE POUR FILS ET CÂBLES CHIRURGICAUX

(57) Abstract:

(EN): A device for cutting a surgical cable including a handle side including first and second gripping members pivotally attached to one another, and an intervention side including an outer tubular member, an inner tubular member within the outer tubular member having a coupling member attached on a proximal end, and a movable pinion attached on a proximal end of the coupling member. The distal end of the second gripping member is attached to a proximal end of the movable pinion and the distal ends of the outer tubular member and inner tubular member have at least two openings that are off-center but substantially aligned to allow a surgical cable or wire to pass through and to exert a shearing force on the cable or wire when the inner tubular member rotates with respect to the outer tubular member in response to compressing the first and second gripping members.

(FR): La présente invention concerne un dispositif permettant de couper un câble chirurgical comportant un côté poignée comprenant des premier et second éléments de préhension fixés de manière pivotante l'un à l'autre, et un côté d'intervention comprenant un élément tubulaire externe, un élément tubulaire interne à l'intérieur de l'élément tubulaire externe ayant un élément d'accouplement fixé sur une extrémité proximale, et un pignon mobile fixé sur une extrémité proximale de l'élément d'accouplement. L'extrémité distale du second élément de préhension est fixée à une extrémité proximale du pignon mobile et les extrémités distales de l'élément tubulaire externe et de l'élément tubulaire interne ont au moins deux ouvertures qui sont excentrées mais sensiblement alignées afin de permettre à un câble ou à un fil chirurgical de les traverser et afin d'exercer une force de cisaillement sur le câble ou le fil lorsque l'élément tubulaire interne tourne par rapport à l'élément tubulaire externe en réponse à la compression des premier et second éléments de préhension.

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Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))