

Title (en)  
CARD WIRE

Title (de)  
GARNITURDRAHT

Title (fr)  
FIL DE GARNITURE

Publication  
**EP 3473754 B1 20210519 (DE)**

Application  
**EP 17197463 A 20171020**

Priority  
EP 17197463 A 20171020

Abstract (en)  
[origin: US2019119832A1] A card wire has consecutive teeth spaced apart in the longitudinal direction by a pitch. The teeth are bounded in the longitudinal direction by a tooth face on a first side and by a tooth back on a second side. Looking downwards in the height direction of the card wire, the tooth face and the tooth back of consecutive teeth merge in a tooth base and, looking upwards in the height direction, form a tooth tip. The tooth depth is defined by the greatest distance, in the height direction of the card wire, from the tooth tip to the tooth base. The ratio of pitch to tooth depth is less than 1.1. An interspace, measured at right angles to a tangent to an inflection point between tooth back and tooth base, between this inflection point and the opposite tooth face is greater than a quarter of the pitch.

IPC 8 full level  
**D01G 15/88** (2006.01)

CPC (source: BR CN EP KR US)  
**D01G 15/26** (2013.01 - BR US); **D01G 15/465** (2013.01 - US); **D01G 15/84** (2013.01 - US); **D01G 15/88** (2013.01 - BR CN EP KR US)

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 3473754 A1 20190424; EP 3473754 B1 20210519**; BR 102018014143 A2 20190507; CN 109695075 A 20190430;  
CN 109695075 B 20230217; JP 2019077978 A 20190523; KR 102652089 B1 20240329; KR 20190044514 A 20190430;  
US 10988863 B2 20210427; US 2019119832 A1 20190425

DOCDB simple family (application)  
**EP 17197463 A 20171020**; BR 102018014143 A 20180711; CN 201811222115 A 20181019; JP 2018179205 A 20180925;  
KR 20180123674 A 20181017; US 201816165338 A 20181019