

Title (en)  
COILING MACHINE AND METHOD FOR THE PRODUCTION OF A COIL

Title (de)  
WICKELMASCHINE SOWIE VERFAHREN ZUR HERSTELLUNG EINER WICKLUNG

Title (fr)  
ENROULEUSE ET PROCEDE POUR PRODUIRE UN ENROULEMENT

Publication  
**EP 1552593 A1 20050713 (DE)**

Application  
**EP 03770909 A 20031006**

Priority  
• DE 0303324 W 20031006  
• DE 10246423 A 20021004

Abstract (en)  
[origin: WO2004034554A1] Disclosed is a coiling machine (20) comprising a support device (23) for winding a coil used for an electric machine. Said support device (23) is provided with at least one group (34) consisting of a coil former (29) and an adjacent redirecting element (31) which are movable towards each other. Also disclosed is a method for producing a winding comprising at least one coil, according to which at least one wire is wound around a coil former (29) such that at least one wire arrangement comprising at least one first coil face (68), at least one first redirecting face (69), and at least one second coil (70) is created, a coil former (29) being displaced from a plane for winding purposes.

IPC 1-7  
**H02K 15/04**

IPC 8 full level  
**H01F 41/06** (2016.01); **H02K 15/04** (2006.01)

CPC (source: EP US)  
**H02K 15/0442** (2013.01 - EP US); **H02K 15/045** (2013.01 - EP US); **H02K 15/0478** (2013.01 - EP US); **H02K 15/0485** (2013.01 - EP US); **Y10T 29/49012** (2015.01 - EP US); **Y10T 29/49071** (2015.01 - EP US)

Cited by  
WO2023138718A1

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**WO 2004034554 A1 20040422**; BR 0308680 A 20050823; CN 100356664 C 20071219; CN 1692539 A 20051102; DE 10246423 A1 20040415; EP 1552593 A1 20050713; JP 2006502574 A 20060119; JP 4783015 B2 20110928; US 2005258296 A1 20051124; US 7543774 B2 20090609

DOCDB simple family (application)  
**DE 0303324 W 20031006**; BR 0308680 A 20031006; CN 200380100390 A 20031006; DE 10246423 A 20021004; EP 03770909 A 20031006; JP 2004542192 A 20031006; US 51778904 A 20041213