

Title (en)
Christmas tree illumination

Title (de)
Christbaumbeleuchtung

Title (fr)
Système d'illumination pour arbre de Noel

Publication
EP 0945670 A2 19990929 (DE)

Application
EP 99104154 A 19990302

Priority
• DE 29805565 U 19980327
• DE 29806523 U 19980409

Abstract (en)
The lighting includes several electric 'candles' (1) with an electric lamp (2) arranged in each candle casing (3). The candles are connected by conductors (4) to a first connection element (5), by which the candles are connected to a second connecting element (8) of a supply or stem conductor (6), which is common for all candles. At least two candles are combined to form a group (G1-G5), whereby the candles of each group are connected with a common first connecting element associated with this group. Mounting elements (9) are provided for the stem conductor, whereby the stem conductor is formed, at least in its section comprising the second connection elements, in the form of a helix.

Abstract (de)
Die Erfindung bezieht sich auf eine neuartige Ausbildung einer elektrischen Christbaumbeleuchtung mit mehreren elektrischen Kerzen (1) mit jeweils einer elektrischen Lampe (2) an einem Kerzengehäuse (3), wobei die Kerzen (1) über Anschlußleitungen (4) an ein erstes Verbindungselement (5) angeschlossen sind, über welches die Kerzen (1) jeweils an ein zweites Verbindungselement (8) einer für sämtliche Kerzen gemeinsamen Versorgungs- oder Stammleitung (6) anschließbar sind. <IMAGE>

IPC 1-7
F21P 1/02

IPC 8 full level
F21S 2/00 (2006.01); **F21S 4/00** (2006.01); **F21W 121/04** (2006.01)

CPC (source: EP)
F21S 4/10 (2016.01); **F21W 2121/04** (2013.01)

Cited by
DE102004060005A1

Designated contracting state (EPC)
AT CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0945670 A2 19990929; **EP 0945670 A3 20000119**; **EP 0945670 B1 20021016**; AT E226295 T1 20021115

DOCDB simple family (application)
EP 99104154 A 19990302; AT 99104154 T 19990302