

Title (en)
ELECTROMAGNETIC RELAY.

Title (de)
ELEKTROMAGNETISCHE RELAIS.

Title (fr)
RELAIS ELECTROMAGNETIQUE.

Publication
EP 0447401 B1 19931118 (DE)

Application
EP 89909153 A 19890816

Priority
DE 3841667 A 19881210

Abstract (en)
[origin: WO9006588A1] An electromagnetic relay for consumers with a high switch-on current surge is proposed which has a main contact (21) and a preliminary contact (20). Both main (21) and preliminary (20) contacts are fitted at a squared-off end (24a, 26a) of each of several spaced tags (23 to 27) arranged side by side and proceeding from a common yoke (28) of a terminal support (22). The tags (24, 26) bearing the main and preliminary contacts (21, 20) are each connected on each side to a neighbouring tag (23, 25, 27) via connecting webs (29, 30). Between the yoke (28) and the connecting webs (29, 30), the tags (24, 26) bearing the main and preliminary contacts (21, 20) each have an extension zone (31, 32) where the main and preliminary contacts (21, 20) may be independently adjusted by compressing the material.

IPC 1-7
H01H 50/54; H01H 9/38; H01H 1/34

IPC 8 full level
H01H 1/34 (2006.01); **H01H 9/38** (2006.01); **H01H 50/54** (2006.01); **H01H 50/56** (2006.01)

CPC (source: EP US)
H01H 50/546 (2013.01 - EP US); **H01H 1/34** (2013.01 - EP US); **H01H 9/38** (2013.01 - EP US); **H01H 2011/0075** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
DE 3841667 C1 19900201; DE 58906221 D1 19931223; EP 0447401 A1 19910925; EP 0447401 B1 19931118; JP H04502227 A 19920416;
US 5155459 A 19921013; WO 9006588 A1 19900614

DOCDB simple family (application)
DE 3841667 A 19881210; DE 58906221 T 19890816; DE 8900537 W 19890816; EP 89909153 A 19890816; JP 50869289 A 19890816;
US 68923391 A 19910606