

Title (en)

BICYCLE FORK SUSPENSION HAVING A SINGLE PRIMARY COMPRESSION SPRING SYSTEM

Title (de)

FAHRRADGABELAUFHÄNGUNG MIT EINEM EINZIGEN PRIMÄRDRUCKFEDERSYSTEM

Title (fr)

SUSPENSION POUR FOURCHE DE BICYCLETTE, DOTÉE D'UN SEUL SYSTÈME À RESSORT DE COMPRESSION PRIMAIRE

Publication

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Application

**EP 98931480 A 19980623**

Priority

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Abstract (en)

[origin: WO9903725A1] A bicycle suspension fork (10) having a primary compression spring assembly (50) positioned in only one of the fork legs (14, 16). A load distributing assembly (52) is positioned in at least one of the fork legs (14, 16) in order to distribute loads transmitted to the fork (10) during a compression stroke. Thus, asymmetrical loading that would occur from the presence of only one compression spring assembly (50) on only one side of the fork is decreased if not completely eliminated. The load distributing assembly (52) preferably is arranged such that it begins load distribution during the last one-half, and most preferably the last one-third of compression stroke travel. A preferred embodiment of the load distributing assembly (52) includes a load distributing spring (80) and a load distributing spring spacer (82).

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